PLEASE HANG THIS BOOK UP IN WORKSHOP.

ESTD 1810.

No 14 CATALOGUE OF

T. J. GARDNER'S

WOODWORKERS'

TOOLS.

MACHINES. CUTLERY ETC

CENTURY PLANE & TOOL WORKS

NARROW WINE ST BRISTOL.

This catalogue is in very fragile condition and it was not considered safe to risk further damage by the flattening needed for normal scanning.

Instead the catalogue has simply been photographed with a digital camera and no attempt has been made to clean up the images.

I considered it better to have an imperfect record of this interesting catalogue rather than none at all.

The original catalogue will shortly be part of the TATHS library at MERL.

Tony Waldis

February 2017

Catalouge
Circa 1917.
See Page 77

WOODWORKERS' TOOLS and Machines.

Telephone 2294 x.

Telegrams:
"Tools, Bristol."

Tool and
Welding Works:
18, Marsh Street.

T. J. GARDNER,

Century Plane and Tool Works,

NARROW WINE STREET,

— BRISTOL. —

RETAIL and EXPORT.

T. J. GARDNER respectfully requests that all orders for Planes and Tools of his make be forwarded to him direct, when customers can rely on being supplied with the very Best Quality Tools at the low prices quoted in this List. Personal care and attention and entire satisfaction guaranteed.

PLEASE NOTE—

T. J. GARDNER'S

Celebrated

PLANES AND TOOLS

CAN ONLY BE PURCHASED DIRECT FROM

NARROW WINE STREET

BRISTOL.

☛ No connection with any other firm of a similar name

T. J. GARDNER'S

Tool and Cutlery Depot,

NARROW WINE STREET.

Tool and Welding Works:

18, Marsh Street,

BRISTOL.

INTRODUCTORY.

I have much pleasure in submitting herewith a new edition of my Woodworkers' Tools and Machines Catalogue, which has been enlarged to represent my large and well-assorted stock, the most complete in this country. The prices, consistent with the quality of the goods offered, are the lowest, and shew the best value in the Trade.

ORDERS. — When ordering, please give page and number of the article required, together with the size, if possible using one of my special order forms, free on request.

PRICES. — The prices in this Catalogue are subject to alteration without notice. I shall be pleased to quote specially for quantities on receipt of specification.

PACKAGES. — I make no charge for packing, except when cases have to be used. These will be charged at cost price; if returned, in good condition, carriage paid, will be credited.

DESPATCH OF ORDERS. — I always endeavour to forward goods same day as orders are received. When this is not possible, I advise my customers, and give nearest possible date of delivery.

PAYMENT FOR GOODS. — All orders must be accompanied with cheques, postal orders, or money orders, crossed —— & Co., made payable to T. J. Gardner. Owing to the extremely low prices quoted, my terms are strictly cash with order.

CARRIAGE. — I pay carriage on all orders over 20/-, excepting on grindstones, mortice machines, and other heavy machinery, to nearest railway station.

BREAKAGES.—All goods are carefully packed by experienced packers, but we cannot take the risk of breakages of machines, grindstones, which are sent at owner's risk, and notification of any breakage or shortage must be notified to the Railway Co. or carriers immediately.

EXPORT.— The prices for all Export orders are F.O.B., Bristol or London. Cases charged at nett cost.

WARRANTY. — Every Tool mentioned in this List is of the very best material, workmanship and finish—NO SECOND QUALITY GOODS ARE QUOTED. Any article, excepting grindstones and goods made with cast-iron parts, which is faulty will be exchanged if returned, carriage paid, within one month from date of purchase. In future, no goods which show signs of EXTREMELY HARD USAGE for a longer period than one month will be exchanged.

RECOMMENDATION is the surest method of advertising, and my extensive local and post trade has been entirely built up by the recommendation of friends, who have been entirely pleased with the EXTREMELY GOOD VALUE which, as a manufacturer and a keen buyer, I have always been able to offer.

HOURS OF BUSINESS.—8.30 a.m. to 8 p.m., Saturdays 10 p.m., Wednesdays 1 p.m.

LIST OF GOODS SENT CARRIAGE FORWARD.

PAGES		PAGES	
89—92	American Iron Planes	68	Draw Stroke Trimmers
51—53	Grindstones	10, 11	All Benches
53	Emery Grinders	67, 68	Mitre Machines
69	Morticing Machines	124, 125	All Vices
105, 106	Circular Saw Machines	130	Nails
		128, 129	Screws

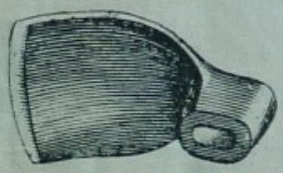
Please do not cut or mutilate this List. Extra Sheets may be added periodically.

PRICE LIST.

ADZES.

No. 1

	No. 1	2	3	
1.—Ship Carpenter's, Gilpin's best quality ...	2/8	3/-	3/3	ea.
2.—Wheelwrights', do. do. ...	3/3	3/8	4/-	,,



No. 4

No. 3

	No. 1	2	3	
3.—Chairmakers' Adzes, Gilpin's best	2/6	2/9	3/-	ea.
4.— Do. Gouge do.	3/6	3/9	4/-	,,

For Adze Handles, see No. 501.

AUGERS.

No. 5

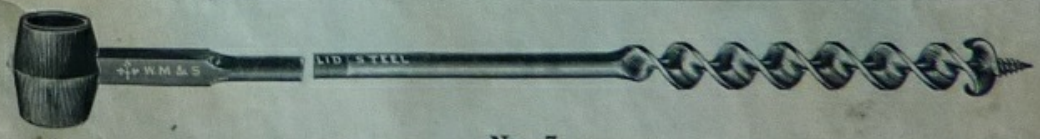
5.—Shell, bright, Tanged, Gilpin's make—

Up to	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{4}$	$1\frac{3}{8}$	$1\frac{1}{2}$	$1\frac{5}{8}$	$1\frac{3}{4}$	$1\frac{7}{8}$	2 in.
	10d.	11d.	1/-	1/2	1/5	1/7	1/10	2/1	2/4	2/8	2/11	3/2	3/5 ea.

No. 6

6.—Gilpin's Patent Tanged Twist Augers—

Up to	$\frac{5}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{3}{8}$	$1\frac{1}{2}$	$1\frac{5}{8}$	$1\frac{3}{4}$	$1\frac{7}{8}$	2 in.
	1/3	1/3	1/5	1/7	1/9	1/11	2/5	2/8	2/11	3/2	3/9	4/3	4/9	5/-ea.



No. 7

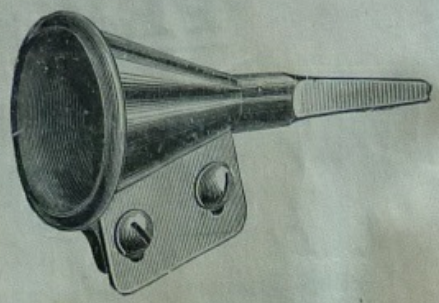
7.—Gilpin's Patent Eyed Twist Augers—

Up to	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{3}{8}$	$1\frac{1}{2}$	$1\frac{5}{8}$	$1\frac{3}{4}$	$1\frac{7}{8}$	2 in.
	1/7	1/7	1/8	1/9	1/11	2/1	2/5	2/9	3/2	3/6	4/3	4/9	5/3	5/9 ea.

For Auger Handles, see No. 499

AUGERS—continued.

No. 8

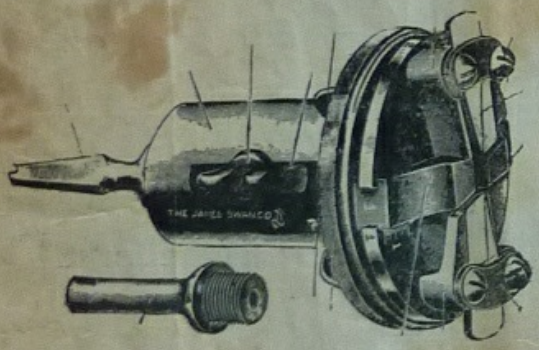


No. 9

8.—Ames' Improved Hollow Augers, to fit Brace with Twist Bit—

½	⅝	¾	⅞	1	1⅛	1¼	1⅜	1½ in.
4/-	4/6	5/-	5/6	6/-	6/6	7/-	8/-	8/9 ea

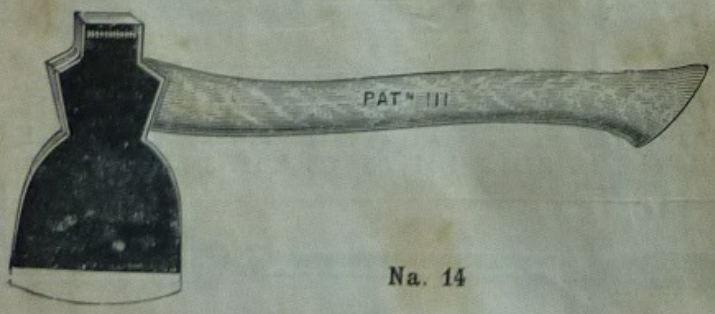
9.—Spoke Trimmer, to fit Brace .. .. 2/6 ,,
10.— Do. do. Improved pattern .. .. 3/6 ,,



No. 11

11. — The "Universal" Hollow Auger is a tool required by every wheelwright; with one Auger all sizes of tenons from ¾in. to 1½in. can be made. A depth gauge regulates the length of the tenon, and the face is graduated so it can be readily set to any size desired. It is warranted to give satisfaction, and with proper usage will last a lifetime. Any part can be replaced if broken 21/- ea.

AXES.



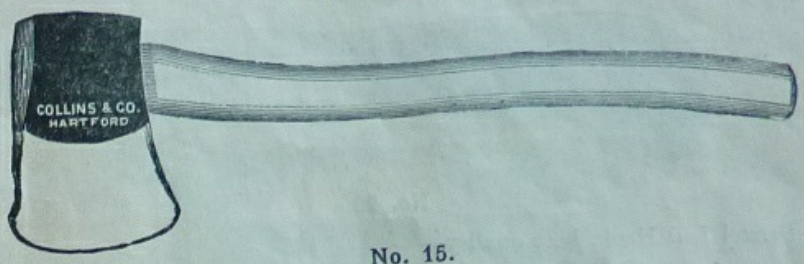
Na. 14

	No. 1	2	3	4
12.—The "Gem" Light Joiners' Axe ..	1/3	1/6	1/9	2/- ea.
13.—The "Gem" Household Axe		..	..	1/- ,,

14.—Gilpin's Best Handled Axe, as illustrated—

1½	1¾	2	2¼	2½	3	3½	4 lbs.
2/-	2/2	2/5	2/8	2/11	3 3	3/9	4/4 ea.

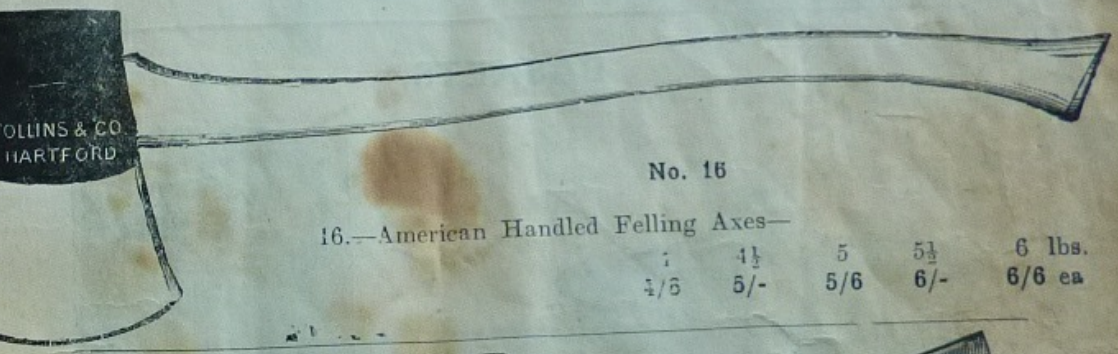
AXES—continued.



No. 15.

15.—Small Handled American pattern Axes—

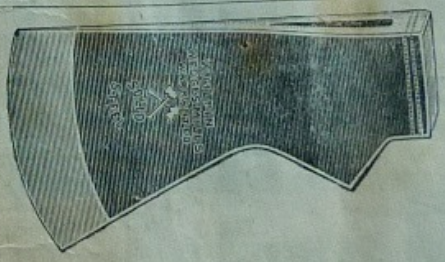
No. 1	2	3	4	5
2/-	2/3	2/6	2/9	3/- ea



No. 16

16.—American Handled Felling Axes—

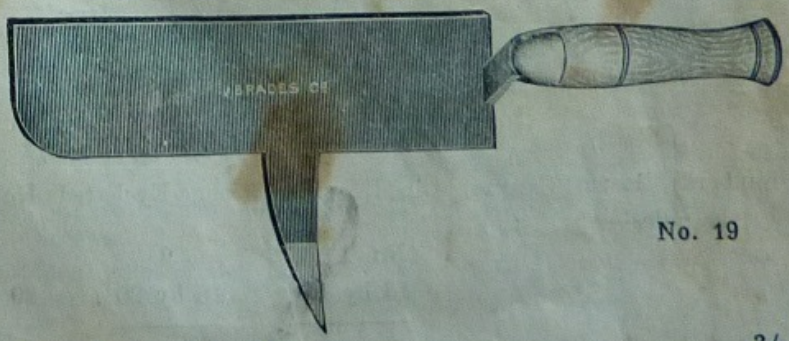
4	4½	5	5½	6 lbs.
4/6	5/-	5/6	6/-	6/6 ea



No. 17

No. 18

17.—English Felling Axe Heads, Gilpin's make ... ... 1/1 lb.
18.—Wheelers' Side Axe Heads do. ... ... 1/1 ,,

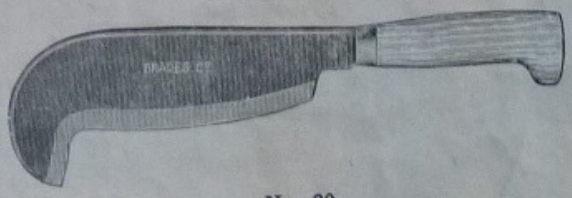


No. 19

19.—Slaters' Axes, best quality ... ... 3/-, 3/6 ea.

CARRIAGE PAID ON ORDERS OVER 20/-.

AXES—continued.



No. 20

20.—Bristol Bill Hook, best quality—

6	7	8	9	10	11	12 in.
1/2	**1/4**	**1/6**	**1/8**	**1/10**	**2/3**	**2/9** ea.

For Axes and Bill Hook Handles, see No. 511.

BASKETS.

No. 21

No. 24

21.—Best Carpenters' Canvas Lined, strongly bound, with pocket—

Size about 23	27	30	33	36	39 in.
No. 1	2	3	4	5	6
10d.	**1/-**	**1/2**	**1/4**	**1/7**	**1/11** ea.

22.—Ditto, Best Sail Cloth, Lined, with pocket—

1/8	**1/10**	**2/-**	**2/2**	**2/6** ea.

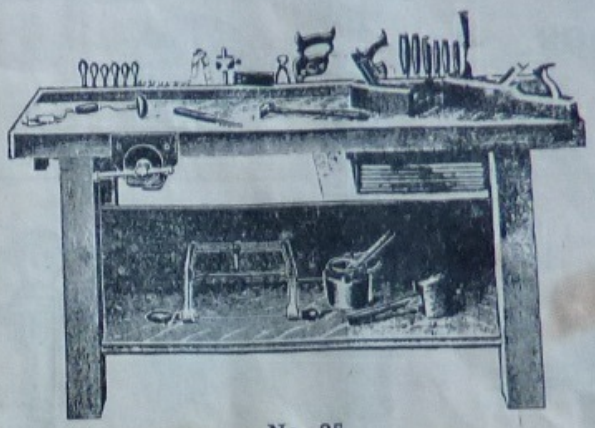
23.—The "Hardwear," made entirely from Brown Canvas—

No. 1	2	3	4	5
1/3	**1/6**	**1/10**	**2/2**	**2/5** ea.

24.—Plumbers' Brown Canvas, Lined, with Strong Eyeletted Holes, Rope Handles—

No. 1	2	3
18 by 15	18 by 20	20 by 22 in.
1/9	**2/-**	**2/3** ea.

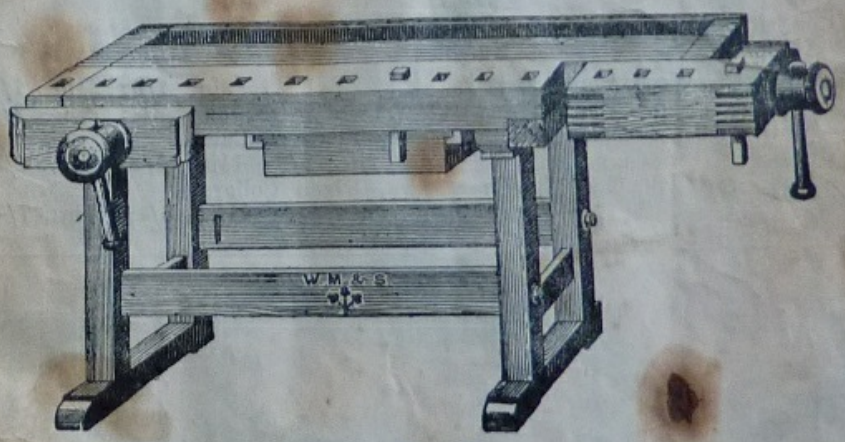
BENCHES.



No. 25

25.—Technical Bench, fitted with Tray and Tool Rack at back, Drawer in front, Instant Grip Vice, and Acme Bench Stop—
Length 5ft. ... **£2 0 0**

26.—Set of 50 Best Quality Tools for above **£2 10 0**
Bench Complete with Tools **£4 10 0**



No. 27

27.—All Beech Carpenters' or Amateurs' Benches, with thick solid top, suitable for Carpenters' and Cabinet Makers' use. Fitted with Front and End Vices with Hardwood Screws, 2 Bench Stops (iron) and Tool Drawer. Can be taken apart and packed flat in a few minutes.

Prices—	4ft. long ...	**£3 0 0**	6ft. long ...	**£4 12 0**
	5ft. ,, ...	**£3 6 0**	7ft. ,, ...	**£5 0 0**

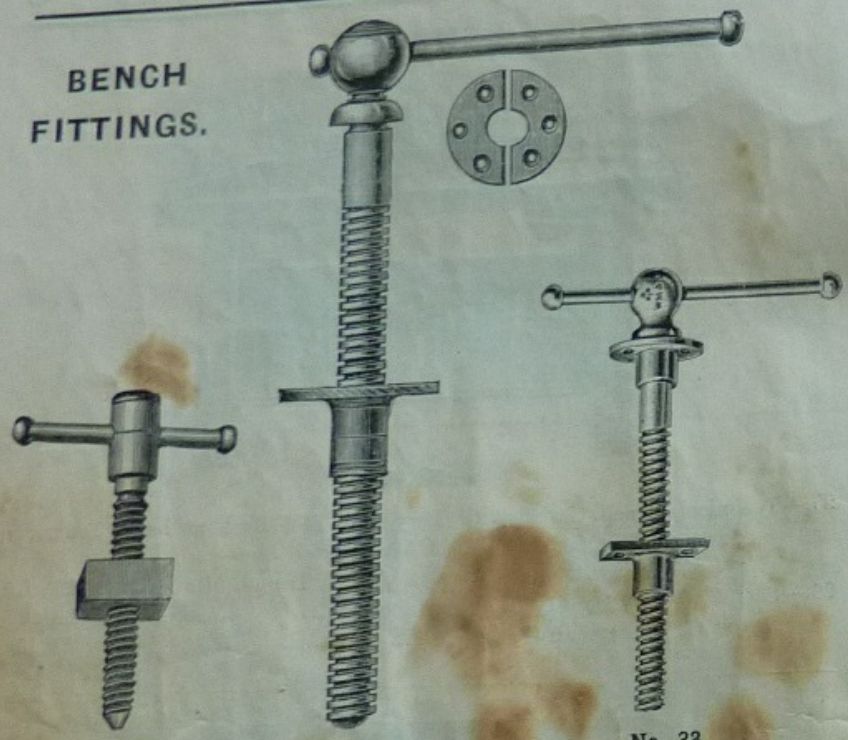
28.—Best Quality Bench (own make), 2in. Hardwood Top, fitted with 2 Screws 5ft., **25/-**; 6ft., **26/-**; 7ft., **30/-**

29.—Amateurs' Folding Bench (own make), with Bench Screw and Stop, perfectly rigid. 5ft. by 1ft. 6in.; folds into 5ft. by 1ft. 6in. by 7½in.
Price ... **£1 2 0**

Benches made to Customers' own Specification at Lowest Prices.

CARRIAGE PAID ON ORDERS OVER 20/-.

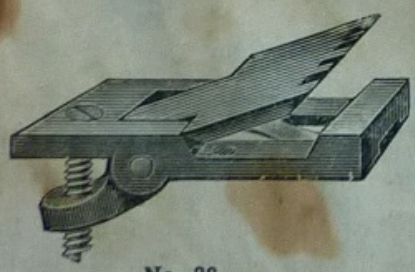
BENCH FITTINGS.



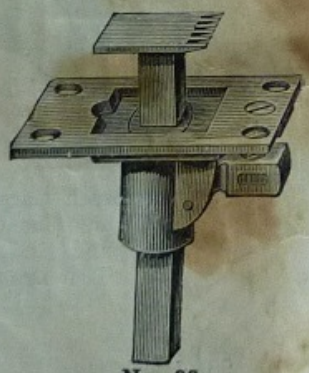
No. 30 No. 32 No. 33

30.—American Wood Bench Screws ... ... 2in., 1/2; 2½in., 1/5 ea
31.—Do. Iron do. Wood Handle ... ... 1⅛in., 2/-; 1¼in., 2/6 ,,
32.—Best Black Sheffield Bench Screws, Loose Collars—
1in., 3/9; 1⅛in., 4/6; 1¼in., 5/3 ,,
33.—Best Bright Sheffield Bench Screws, Fixed Collars—
1in., 4/9; 1⅛in., 6/-; 1¼in., 7/- ,,

No. 34



No. 38



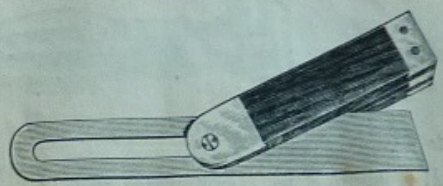
No. 39

34.—Bench Holdfasts, best quality, warranted—
No. 1—12 by 1in. 4/3 No. 2—14 by 1in. 5/- No. 3—16 by 1⅛in. 6/- ea.
35.—Parkinson's "Handy" Bench Stops ... 2/3 ea.

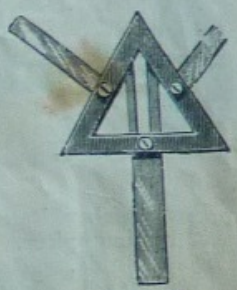
BENCH FITTINGS—continued.

36.—Parkinson's "Acme" Wood or Toothed Iron Stop, adjusted by finger and thumb ... ... 2/3 ea.
37.—Preston's Malleable Iron Bench Stop ... ... 2/6 ,,
38.—Hampton's Malleable Iron Body Bench Stop, Wrought-Iron Screw, Steel Spring ... ... 1/- ea
39.—Morril's Patent Bench Stop, screw adjustment ... ... 2/6 ,,
40.—Morril's Pattern do. do. ... ... 1/6 ,,
41.—Knife Bench Stops ... ... 2/3 ,,

BEVELS.



No. 43



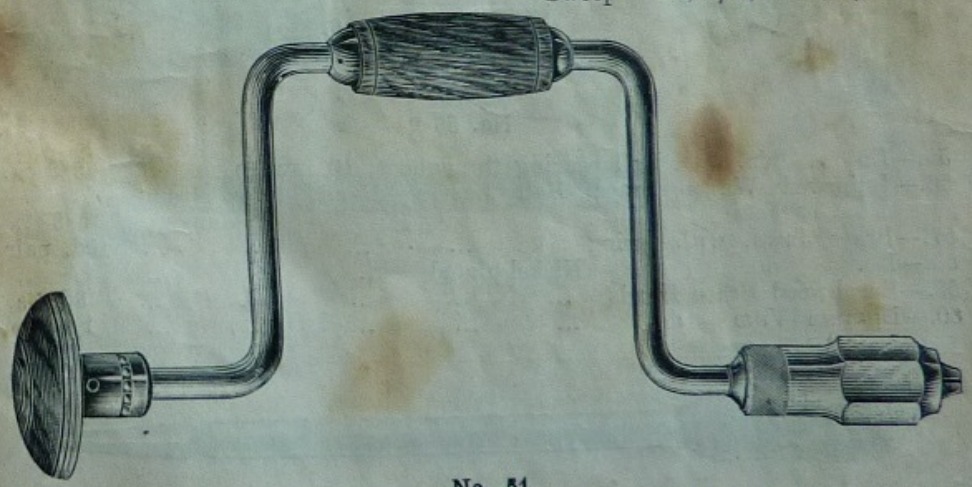
No. 46

	7½	9	10½	12 in.
42.—Rosewood Sliding Bevels	1/8	1/11	2/3	2/6 ea.
43.—Ebony ditto. Heavily Brass plated ...	1/10	2/2	2/5	2/8 ,,
44.—Boatbuilders' Boxwood Bevels, Rule marked 12in.		...	...	1/- ,,
45.—Coachmakers' T Bevels		...	...	2/6 ,,
46.—Coachmakers' Spider Mortice		...	1/10	2/8 ,,
47.—Mason's Shift Stock, Brass	9in., 2/6;		10½in., 2/9	,,
48.—Do. do. Tinned Iron ...	9in., 1/2;		10½in., 1/4	,,

BRACES.

49.—Sheffield-make Brace, Beechwood Head and Thumbscrew (not warranted) 1/4 and 1/6 ea.

50.—Best Sheffield Brace, with Adjustable Octagon Mouthpiece—Sweep—7in., 1/8; 8in., 1/10 ea.



No. 51

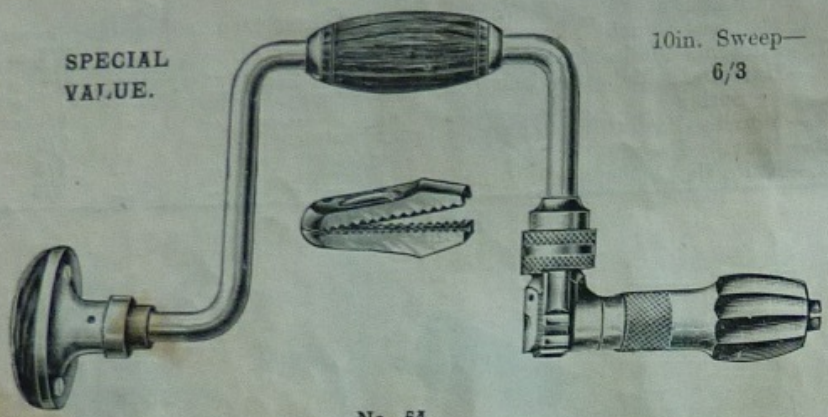
51.—Best Sheffield-make Brace, with Improved Adjustable Octagon Mouthpiece and Ball Bearings in Head. Sweep—8in., 2/2; 10in., 2/8 ea.
52.—Do. do. Nickel-plated. Sweep—8in., 3/3; 10in., 3/6 ,,

CARRIAGE PAID ON ORDERS OVER 20/-.

BRACES—continued.

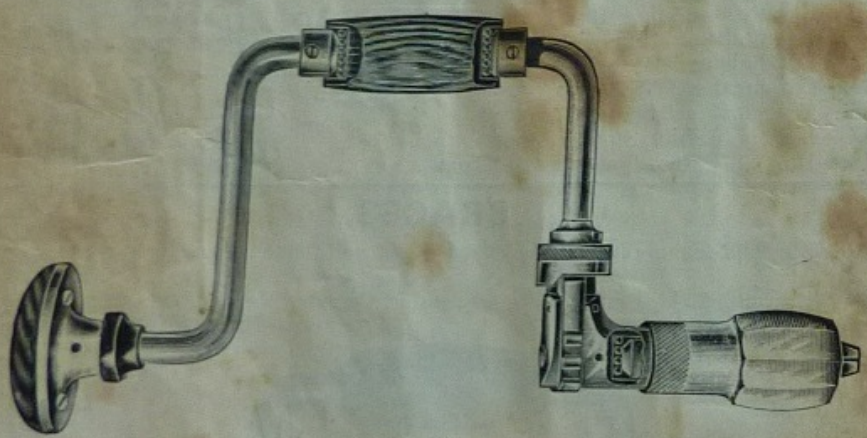
SPECIAL VALUE.

10in. Sweep—
6/3



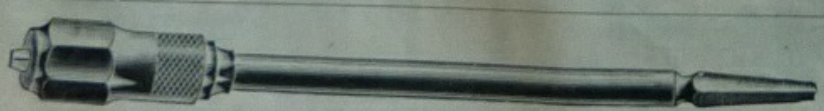
No. 54.

53.—Best Quality Ratchet Brace, Ball Bearings in Head, Improved Octagon Mouthpiece. Sweep—8in., **4/-**; 10in., **4/6** ea.
54.—Do. do. Heavy Nickel-plated Lignum Vitæ Head, Rosewood Handle (**Special Line**). Sweep—10in., **6/3**; 12in., **8/-** ea.



No. 55

55.—Do. do. Ball bearing throughout, 10″ sweep ...	**10/3**	ea.
56.—Improved Wagon Brace, Ball Bearing Head, extra strong 12″ sweep	**5/6**	,,
57.—Brace Jaws, with spring	**10d.**	pair
58.—Do. do. do. Nickel-plated	**1/-**	,,
59.—Beechwood Brace Heads	**8d.**	ea.
60.—Lignum Vitæ do.	**1/-**	,,



No. 61

	12	14	16	18 in.
61.—Extension Bit Holders	**1/3**	**1/6**	**1/9**	**2/-** ea.

BRACE BITS.

No. 62

62.—Gilpin's Twist Bits—

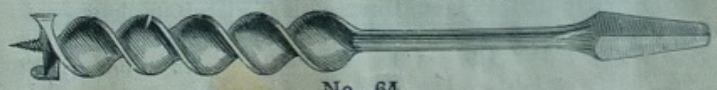
3/16 to 3/8	1/2	5/8	3/4	7/8	1	1 1/8	1 1/4	1 3/8	1 1/2 in.
10d.	11d.	1/1	1/2	1/4	1/6	1/10	2/2	2/4	2/8 ea.

CORNELIUS WHITEHOUSE & SONS REGD. TRADE MARK "UNBREAKABLE"

No. 63

63.—Whitehouse's Unbreakable Pattern Twist Bits—

3/16 to 1/2	5/8	3/4	7/8	1	1 1/8	1 1/4	1 3/8	1 1/2 in.
10d.	1/1	1/2	1/4	1/6	1/9	2/-	2/4	2/6 ea.



No. 64

64.—C. E. Jennings' Pattern Twist Bits—

3/16 to 1/4	3/8	1/2	5/8	3/4	7/8	1	1 1/8	1 1/4	1 3/8	1 1/2 in.
10d.	1/-	1/2	1/5	1/8	2/-	2/3	2/9	3/3	3/8	4/- ea.

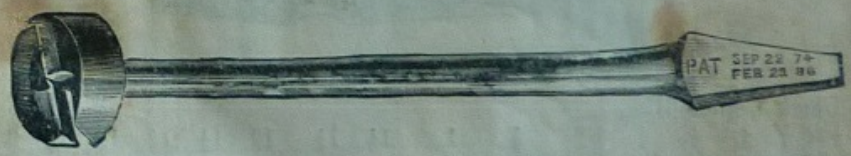
65.—Russell Jennings' Twist Bits—

1/2	1/4	1/8	1/10	2/2	2/7	2/10	3/4	3/10	4/6	5/- ,,

No. 66

66.—The Irwin Patent Solid Centre Auger Bits are acknowledged to be without exception the finest Boring Bits made. They do not choke, and are equally suited for boring hard or soft wood.

3/16 to 1/4	3/8	1/2	5/8	3/4	7/8	1	1 1/8	1 1/4	1 3/8	1 1/2 in.
10d.	10d.	1/-	1 2	1/5	1/8	1/11	2 3	2/9	3/3	3/9 ea.



No. 67

67.—The "Forstner" Labour-saving Auger Bit, unlike other Bits, is guided by its circular rim instead of its centre; consequently, it will bore any arc of a circle, and can be guided in any direction regardless of grain or knots, leaving a true polished surface. It is preferable for core boxes, fine and delicate patterns, veneers, screen work, fancy scrolls, twist columns, newels, ribbon moulding, coin cases, etc.—

1/4	5/16	3/8	7/16	1/2	5/8	3/4	7/8	1 in.
2/6	2/6	2/8	2/9	2/10	3 2	3/6	3/9	4/3 ea.

1 1/8	1 1/4	1 3/8	1 1/2	1 5/8	1 3/4	1 7/8	2 in.
4/6	5/-	5/6	7/6	8/6	10/-	11/-	12/- ea.

CARRIAGE PAID ON ORDERS OVER 20/-.

BRACE BITS—continued.

68.—The "Forstner" Bit with ½in. Round Shanks, for machine—
9d. per size extra

69.—Gedge's Pattern Sash Bits, same as No. 62 but 20in. long—
⅜ to ½in., **2/-** ea.

70.—Whitehouse's Unbreakable Sash Bits, same as No. 63 but 20in. long
⅜ to ½in., **2/-** ea.

71.—Whitehouse's Unbreakable Dowel Bits, same as No. 63 but 4½in. long—
⅜in., 7/16in., ½in., **10d.** ea.

72.—Do. do. with Round Shanks, ½in. in diameter, for machines—
⅜in., 7/16in., ½in., **1/6** ea.

73.—Whitehouse's Solid Wing Wagon Bits—

⅜	½	⅝	¾	⅞	1	in.
1/6	1/9	2/-	2/3	2/6	2/9	ea.

No. 74

74.—Ridgway's Celebrated Wagon Bits, with Twist 10in. long—

¼	5/16	⅜	7/16	½	9/16	⅝	11/16	¾	13/16	⅞	in.
1/6	1/6	1/6	1/9	1/9	2/-	2/-	2/3	2/3	2/6	2/6	ea.

15/16	1	1 1/16	1⅛	1 3/16	1¼	1 5/16	1⅜	1 7/16	1½	in.
2/9	2/9	3/-	3/-	3/3	3/3	3/6	3/6	3/9	4/-	ea.

75.—Ridgway's Celebrated Wagon Bits, with Twist 12in. long—

¼	5/16	⅜	7/16	½	9/16	⅝	11/16	¾	13/16	⅞	in.
1/9	1/9	1/9	2/-	2/-	2/3	2/3	2/6	2/6	2/9	2/9	ea.

15/16	1	1 1/16	1⅛	1 3/16	1¼	1 5/16	1⅜	1 7/16	1½	in.
3/-	3/-	3/3	3/3	3/6	3/6	3/9	3/9	4/-	4/3	ea.

76.—Ridgway's Fast Shorting Bits, with 6in. Twist—

7/16	½	9/16	⅝	11/16	¾	in.
1/2	1/2	1/4	1/4	1/6	1/6	ea.

77.—Ridgway's Twisted Centre Bits—

1	1¼	1⅜	1½	1⅝	2	in.
1/7	1/8	1/9	1/10	2/3	2/6	ea.

Note.—Twist Bits in all 16ths up to 1in. kept in stock. For Prices reckon the one size above—for instance, 9/16in. same price as ⅝in.

No. 78

78.—Black Centre Bits—

¼ to ½	⅝	¾	⅞	1	1⅛	1¼	1⅜	1½	1⅝	1¾	1⅞	2	in.
3d.	3d.	3d.	3½d.	3½d.	4d.	4d.	5d.	6d.	7d.	8d.	9d.	10d.	11d.	1/-	ea.

79.—Straw Colour Centre Bits—

4½d.	4½d.	4½d.	5d.	5d.	5½d.	5½d.	7d.	7½d.	8d.	9d.	11d.	1/-	1/2	1/4	ea.

No. 80

		7/16 to ½	9/16	⅝	11/16	¾	in.
80.—Pin or Shell Bits, Black	...	3½d.	4d.	4½d.	5d.	6d.	ea.
81.—Do. do. Straw Colour	...	4½d.	5d.	5½d.	6d.	7d.	..

BRACE BITS—continued.

No. 82

No. 84

No. 86

				¼	⅜	½	¾ in.
82.—Rose Pattern Countersink for Brass,			Black	5d.	5d.	6d.	7d. ea.
83.—Do.	do.	do.	Straw	6d.	6d.	7d.	8d. ,,
84.—Flat	do.	for Iron,	Black	4d.	4d.	5d.	6d. ,,
85.—Do.	do.	do.	Straw	5d.	5d.	6d.	7d. ,,
86.—Snailhorn	do.	for Wood,	Black	4d.	4d.	5d.	6d. ,,
87.—Do.	do.	do.	Straw	5d.	5d.	6d.	7d. ,,

No. 88

88.—Half-round Bimers,	Black	...	...	...	...	...	4d. ea.
89.—Do.	do.	Straw Colour		...	...	...	5d. ,,

No. 90

90.—Square Bimers,	Black	...	...	...	...	...	4d. ea.
91.—Do.	do.	Straw Colour		...	...	...	5d. ,,

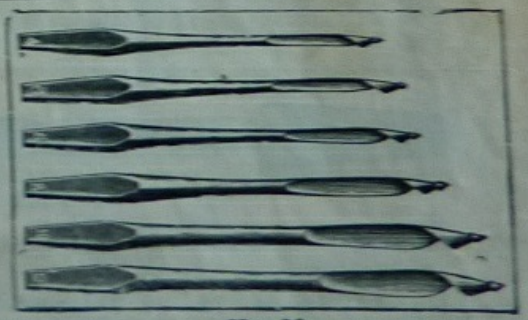
No. 92

No. 94

					Up to ¼	⅜	¾ in.
92.—Turnscrew Bits,	Plain,	Black	...	...	3½d.	6d.	7d. ea.
93.—Do.	do.	do.	Straw	...	...	4½d.	7d.	8d. ,,
94.—Do.	do.	Forked,	Black	...	...	4d.	6d.	7d. ,,
95.—Do.	do.	do.	Straw	...	...	5d.	7d.	8d. ,,

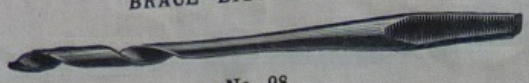
96.—The "Standard" Set of 6 German Twist Bits, on card ... ... **9d.** set

97.—German Twist or Nail Bits, up to—
No. 8, **2d.**; 9 to 11, **2½d.**; 12 to 14, **3½d.**; 15 to 16, **4d.** ea.



No. 96

BRACE BITS—continued.



No. 98

98.—The "Swan" Hardwood Twist Bits ... ... **5d.** ea.
99.—Do do. Sets of 6—No. 1 to 6 ... ... **2/3** set

No. 100

100.—Taper Shell Bits, Straw Colour ... ... $\frac{5}{8}$in., **8d.**; $\frac{3}{4}$in., **9d.** ea.

No. 101

101.—Clark's Patent Expansion Bit—No. 1, cutting from $\frac{1}{2}$in. to $1\frac{1}{2}$in., **4/6** ea.
No. 2, cutting from $\frac{7}{8}$in. to 3in., **5/6** ,,
102.—Clark's Pattern Expansion Bits No. 1, **3/6**; No. 2, **4/6** ,,
103.—Extra Cutters—
$\frac{1}{2}$ to $\frac{7}{8}$in., **10d.**; $\frac{7}{8}$ to $1\frac{1}{2}$in., **1/2**; $\frac{7}{8}$ to $1\frac{3}{4}$in., **1/6**; $1\frac{3}{4}$ to 3in., **2/-** ,,

No. 104

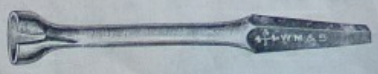
104.—Steer's Improved Expansion Bit, with steel teeth at back of cutter, and fitted with adjusting screw for moving same—
No. 1, cutting from $\frac{5}{8}$in. to $1\frac{3}{8}$in., **6/3** ea.
No. 2, cutting from $\frac{7}{8}$in. to 3in., **7/3** ,,
105.—Extra Cutters—
$\frac{5}{8}$ to $1\frac{1}{8}$in., **1/2**; $1\frac{1}{8}$ to $1\frac{3}{4}$in., **1/6**; $\frac{7}{8}$ to $1\frac{3}{4}$in., **2/-**; $1\frac{3}{4}$ to 3in., **2/4** ,,

No. 106

106.—Morse Bit Stock Drills for hard wood and metals—

$\frac{1}{16}$	$\frac{1}{32}$	$\frac{1}{8}$	$\frac{5}{32}$	$\frac{3}{16}$	$\frac{7}{32}$	$\frac{1}{4}$	$\frac{9}{32}$	$\frac{5}{16}$	$\frac{11}{32}$	$\frac{3}{8}$	$\frac{13}{32}$	$\frac{7}{16}$	$\frac{15}{32}$	$\frac{1}{2}$ in.
3½d.	**4d.**	**5d.**	**6d.**	**7d.**	**8d.**	**9½d.**	**10½d.**	**1/-**	**1/2**	**1/3**	**1/5**	**1/6**	**1/8**	**1/9** ea.

BRACE BITS—continued.



No. 107

No. 108

107.—Dowel Rounders ... ... $\frac{3}{8}$, $\frac{7}{16}$, $\frac{1}{2}$in., **1/-** ea.
108.—Dowel Sharpeners ... ... **1/-** ,,

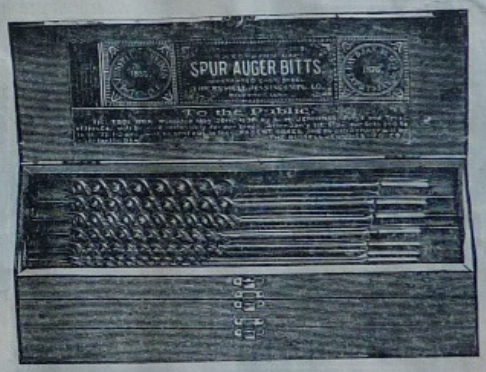
No. 109

109.—Chairmakers' Dowel Bits—

$\frac{3}{8}$	$\frac{7}{16}$	$\frac{1}{2}$	$\frac{9}{16}$	$\frac{5}{8}$	$\frac{11}{16}$	$\frac{3}{4}$	$\frac{7}{8}$	1 in.
5d.	**5½d.**	**6d.**	**6½d.**	**7d.**	**7½d.**	**8d.**	**9d.**	**10d.** ea

SETS OF BITS.

110.—Set of 12 Black Centre Bits, $\frac{1}{4}$in. to 1½in. ... ... **4/6** set
111.—Do. Straw do. do. ... ... **5/6** ,,
112.—Set of 6 Black Shell Bits, $\frac{1}{16}$in. to $\frac{3}{8}$in. ... ... **1/8** ,,
113.—Do. Straw do. do. ... ... **2/-** ,,
114.—Set of 6 Gilpin's Twist Bits, $\frac{3}{8}$in. to 1in. ... ... **6/-** ,,
115.—Do. Whitehouse's Unbreakable, $\frac{3}{8}$in. to 1in. ... ... **6/-** ,,
116.—Do. Jennings' Pattern, $\frac{3}{8}$in. to 1in. ... ... **8/6** ,,
117.—Do. Russell Jennings, $\frac{3}{8}$in. to 1in. ... ... **11/6** ,,



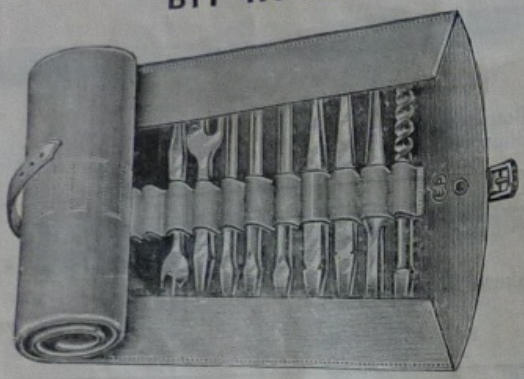
No. 119

118.—Set of 9 Jennings' Bits, in box, $\frac{1}{4}$in. to 1in. ... ... **12/6** set
119.—Do. 13 do. do. do. ... ... **15/6** ,,
120.—Set of 13 Russell Jennings' Bits, in box, best, $\frac{1}{4}$in. to 1in. ... **25/6** ,,
121.—Set of 36 Best Black Cast-steel Brace Bits, including Centre Bits, Pin Bits, Turnscrew Bits, Twist Bits, Rimers and Countersinks **11/6** set
122.—Do. do. do. Bright ... **12/6** ,,
123.—Do. do. do. Straw Colour ... **13/6** ,,
124.—Best Nickel-plated Ratchet Brace, No. 54, with 36 Best Bright Bits, including 6 Gilpin's Patent Twist Bits to $\frac{3}{4}$in. ... ... **24/-** set
125.—Do. do. do. 8 Gilpin's Bits ... ... **26/-** ,,
126.—Do. do. do. 8 Jennings' Bits ... ... **32/-** ,,

The above may be had Straw Colour, **1/-** per set extra.

CARRIAGE PAID ON ORDERS OVER 20/-.

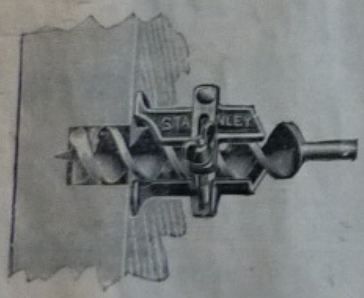
BIT ROLLS.



No. 127

127.—Canvas Bit Roll, to hold 36 Bits	3/- ea.
128.—Leather do. do.	3/6 ,,
129.—Moleskin do. do.	3/- ,,
130.—Canvas Bit Roll, to hold 13 Twist Bits	2/- ,,
131.—Oak Boxes, to hold 13 Twist Bits	2/6 ,,

BIT GAUGES.



No. 132

No. 132

132.—Stanley's Bit Gauge can be attached to any size Bit up to 1in. in diameter ... ... 2/3 ea.

No. 133

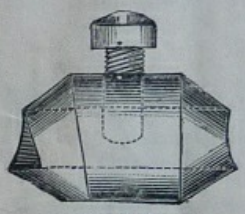
133.—Depth Gauge for fixing on ordinary Screw or Shell Bits to regulate depth of hole required ... ... 9d. ea.

134.—Ball Head ditto—does not mark the work ... ... 1/4 ,,

BIT GAUGES—continued.

No. 135

135.—Wheelers' Patent Countersink, with Depth Gauge ... ... **1/3** ea.
136.—Do. do. do. without Depth Gauge ... ... **10d.** ,,

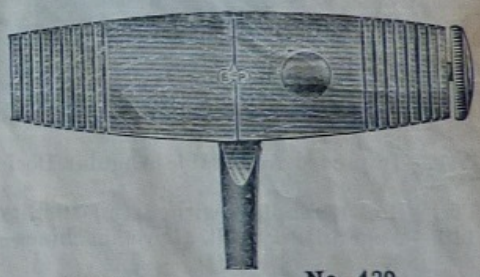


No. 137

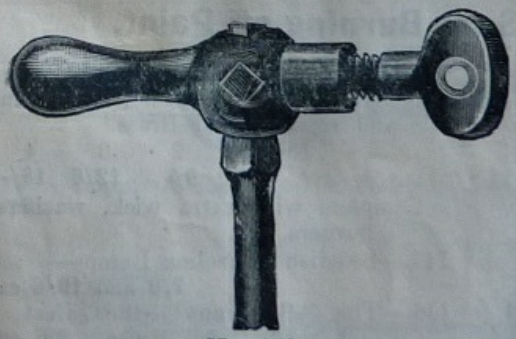
137.—Broughton's Patent Countersink, can be attached to any Shell Bit ... **1/3** ea.

138.—Broughton's Patent Countersink, with Gauge ... ... **2/3** ,,

139.—The "Universal" Brace Bit Holder This is a very useful boxwood tool handle, with set screw for holding all kinds of Brace Bits. Cheap, simple and effective. **10½d.** ea.



No. 139



No. 140

140.—"Governor" N.P. Brace Bit Holder ... **7d.** ea.

One of these Holders and a Set of German Twist Bits, No. 96, does away with the need of gimlets.

CARRIAGE PAID ON ORDERS OVER 20/-.

BORING MACHINES.

141.—Improved Adjustable Angular Boring Machine, will bore at any angle— **21/-** ea.

142.—Do. complete with Set of 10 Bits, ½in. to 2in. ... ... **50/-** ,,

143.—Auger Bits to fit above machines—

½	⅝	¾	⅞	1	1⅛	1¼	1½	1¾	2 in.
2/6	2/6	2/6	2/9	3/-	3/3	3/6	4/-	4/6	5/6 ea.

BLOW LAMPS for Burning off Paint.

No. 144

144.—Herberg's Benzine, with automatic Cleaning Needle, saves time and trouble. All Brass.

No. 1	2	3	4
7/6	9/-	12/6	15/-

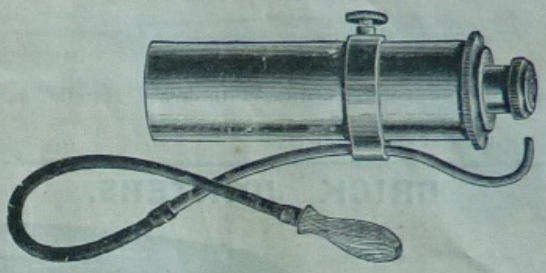
Complete with extra wick, washers, burners, etc.

145.—Swedish Benzoline Lamps— **7/6** and **10/6** ea.

146.—The "Sunbeam"—the safest Lamp made. All Brass **8/6** ea.

147.—The "Lamb"—very useful in the home for small soldering jobs, pays for itself in a very short time. All Brass ... ... 4/- ea.

BLOW LAMPS—continued.



No. 148

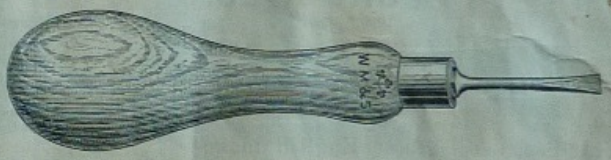
148.—Solid Brass Blow Lamps, for small soldering jobs, etc., complete with tube and mouthpiece—

No. 1	2	3	4	5
1/6	1/9	2/6	3/6	4/6

149.—The "Tinol" Lamp for use with Tinol Soldering Paste ... 1/6 ea.
150.—"Tinol," the new Soldering Paste, Solder and Flux combined, no cleaning required ... ... 6d. tin
151.—"Fluxite," the best Soldering Flux for use with all metals, no cleaning required ... ... large tin 6d.
152.—Best Quality Solder ... ...1/3, 1/6 lb.

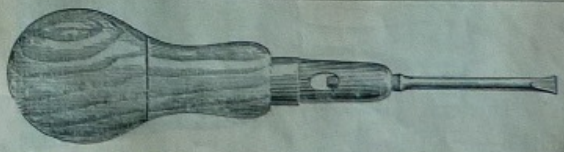
Special Quotations for Quantities.

BRADAWLS.



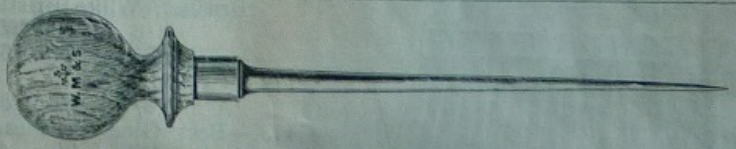
No. 153

153.—Best Ash Handled Bradawls ... ... 1½d. ea.; 1/5 doz.
154.—Do. Pinned through handle ... ... 2d. ea.; 1/10 ,,
155.—Do. Best London made ... ... 2d. ea.; 1/10 ,,
156.—Best Box Handled ... ... 2½d. ea.; 2/4 ,,
157.—Best Handled Flooring Awls ... ... 2½d. and 3d. each
158.—Bradawl Blades ... ... 7d. doz.
159.—Do. do. ... Baker's celebrated make ... ... 10d. ,,



No. 160

160.—Improved Solid Handle Self-grip Awl, with 12 Assorted Blades—
1/2 ea.; post free 1/4



No. 161

161.—Marking Awls, with Wood Handle ... ... 4d. ea.
162.—Ditto without Shoulder ... ... 3d. ,,

CARRIAGE PAID ON ORDERS OVER 20/-.

BRADAWLS—continued.

No. 163

163.—Marking Awl or Striking Knife, with Wood Handle, as illustrated— **6d.** ea.
164.—Ditto without handle, all steel ... ... **4d.** ,,

BRICK JOINTERS.

No. 165

165.—Best Quality Brick Jointers, straight or curved, with round or flat face—

	1/8	3/16	1/4	5/16	3/8 in.
	11d.	**11d.**	**1/1**	**1/2**	**1/4** e
166.—Do. do. Grooved face ...	**1/2**	**1/2**	**1/2**	**1/4**	**1/6** ,,
167.—S. Brick Jointers	**1/2**	**1/3**	**1/4**	**1/6**	**1/8** ,,

BRUSHES.

No. 168

168.—Painters' Sash Tools, best English make—

No. 1	2	3	4	5	6	7	8	9	10	
4d.	**6d.**	**7d.**	**8d.**	**11d.**	**1/3**	**1/6**	**1/10**	**2/3**	**2/9**	ea.

169.—Best Varnish Brushes, English make,—

No.	4	6	8	10	
	1/-	**1/3**	**1/6**	**2/-**	ea.

No. 170

170.—Painters' Dusters, Best Black Bristles—

3½in., **1/8**; 4in., **2/-**; 4½in., **2/3** ea.

171.—"Acme" Paperhangers' Brushes, White Bristles—

8	10	12 in.
4/-	**5/-**	**6/-** ea.

172.—Grey ditto—

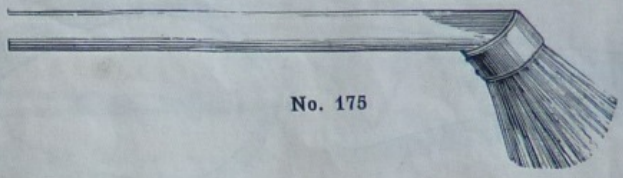
3/9	**4/8**	**5/8** ,,

173.—Best Glue Brushes, Iron Bound **10d.** **1/-** **1/2** ea.

No. 171

BRUSHES—continued.

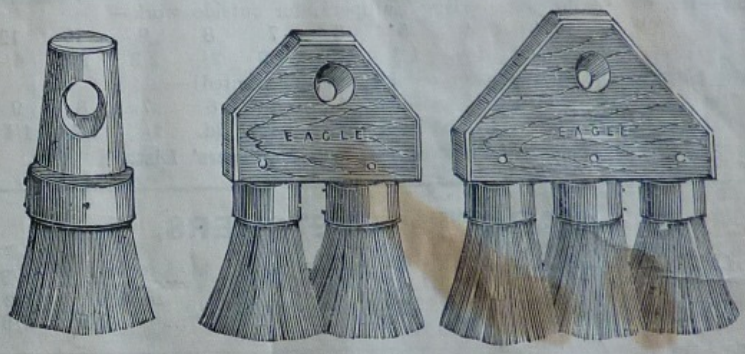
174.—Best Camel Hair Mops ... ... **2d., 4d., 6d., 8d., 10d., 1/- ea.**



No. 175

175.—Long Handled Tar Brushes, in iron rings, the "Acme" Brand, Pure Bristles—

	No. 1	2	3	
	1/6	**2/-**	**2/6**	ea.
176.—Do. do. Mixed	**1/-**	**1/3**	**1/6**	,,



No. 177

Tar Heads on Elm Stocks—	1-knot	2-knot	3-knot	
177.—"Acme" Brand Pure Bristle	**2/4**	**3/-**	**4/3**	ea.
178.—Ordinary Quality Mixed	**1/8**	**2/-**	**2/8**	ea.
179.—Common Mixed	**1/3**	**1/6**	**2/3**	,,

180.—Nailed Limers, leather bound and cemented—Grey Bristles

Size	6	7	8	9	10 oz.
	5/6	**6/6**	**9/-**	**10/-**	**11/6** ea.

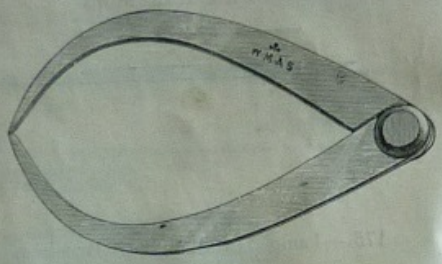
181.—Nailed Stock Elm Handles—
2/6, 3/-, 3/6, 4/- ea.

No. 180

CARRIAGE PAID ON ORDERS OVER 20/-.

CALLIPERS.

No. 182



No. 183

182.—Best Lancashire Made Leg Callipers, for inside work—

3	4	5	6	7	8	9	in.
9d.	1/-	1/3	1/6	1/9	2/-	2/3	ea.

183.—Do. do. Egg Callipers, for outside work—

3	4	5	6	7	8	9	10	12	in.
9d.	1/-	1/3	1/6	1/9	2/-	2/3	2/6	4/-	ea

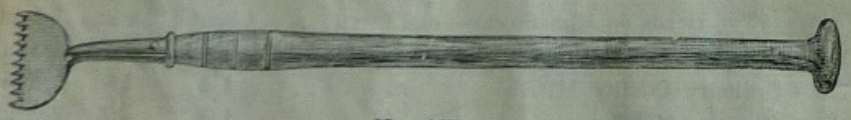
184.—German Make, inside or outside (not warranted)—

3	4	5	6	7	8	9	in.
6d.	7d.	8d.	9d.	1/-	1/2	1/4	ea.

For other Patterns, see my Engineers' List.

CARPET STRETCHERS.

185.—Japanned, with Ash Handle	...	...	...	...	1/3 ea.
			teeth 10	12
186.—Bright Cast Steel, without Handle	...	...	2/6	2/9 ea.



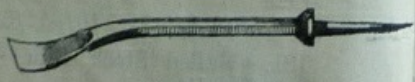
No. 187

187.—Bright Cast Steel, with handle	...	...	...	3/6	4/6 ea.
188.—Ash Handles for above, 20" long	...	...	...	...	1/6 ,,
189.—Do. do. made to take apart for carrying in bag				...	2/- ,,

CARVING TOOLS.

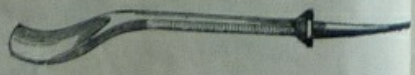
Herring Bros.' Prize Medal Superior London Make.

No. 190



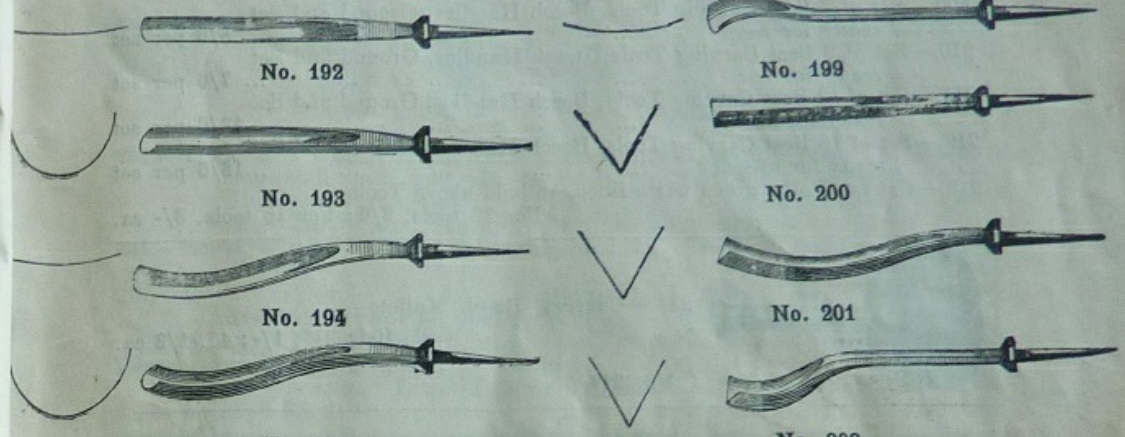
No. 197

No. 191



No. 198

CARVING TOOLS—continued.



No. 192 No. 199

No. 193 No. 200

No. 194 No. 201

No. 195 No. 202

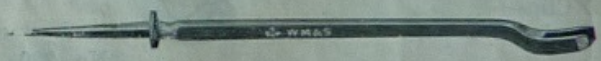
	sweep	⅛ to ½	⅝	¾	⅞	1	1¼	1½ in.
190.—Chisel, straight ...	1	6d	6d	6½d	7d	8d	11d	1/1 ea.
191.—Do. skew ...	2	6d	6d	6½d	7d	8d	11d	1/1 ,,
192.—Gouges	3 to 9	6d	6d	7½d	8½d	10d	1/-	1/3 ,,
193.—Do. Fluting ...	10 to 11	7d	7½d	8d	—	—	—	— ,,
194.—Do. Curved ...	12 to 18	8d	8d	9d	1/-	1/2	—	— ,,
195.—Do. do. ...	19 to 20	8d	10d	1/-	1/2	1/4	—	— ,,
196.—Chisel, Bent ...	21	7d	7d	8½d	10d	1/-	—	— ,,
197.—Do. Skew ...	22 to 23	7d	7d	8½d	10d	1/-	—	— ,,
198.—Gouge, Front Bent ...	24 to 32	8d	8d	9d	1/-	1/2	—	— ,,
199.—Do. Back Bent ...	33 to 38	8d	8d	9d	1/-	1/2	—	— ,,
200.—Parting Tool, strgt...	39 to 40	9d	—	—	—	—	—	— ,,
201.—Do. Curved ...	41 to 43	10d	—	—	—	—	—	— ,,
202.—Do. Bent ...	44 to 45	10d	—	—	—	—	—	— ,,

No. 203

203.—Unshouldered Spade Tools, straw colour, all sweeps to No. 7, up to ½″ 5d each; 4/6 per doz. Handles 1/6 per doz. extra.

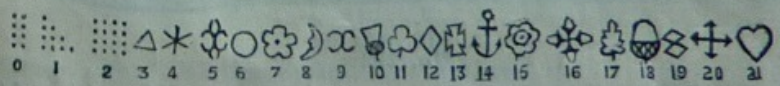
No. 205

	⅛ to ½	⅝	¾	⅞	1 in.
204.—Shouldered Spade Chisels, Nos. 1 and 2 ...	6d	6½d	6½d	7d	8d ea.
205.—Do. do. Gouges Nos. 3 to 7 ...	6d	7d	7½d	8½d	10d ,,



No. 207

206.—Macaroni Tools, straight	1/- 1/2 ea.
207.—Do. do. bent	1/4 1/6 ,,



No. 208

208.—Carvers' Berry and Ground Punches ... ... 8d ea.

CARRIAGE PAID ON ORDERS OVER 20/-.

SETS OF CARVING TOOLS.

209.—Set of 7 Best Carving Tools, Beech Handles, Ground and Set ready for use ... ... **5/6** per set

210.—Set of 9 Best Carving Tools, Beech Handles, Ground and Set ready for use ... ... **7/6** per set

211.—Set of 12 Best Carving Tools, Beech Handles, Ground and Set ready for use ... ...**12/6** per set

212.—Set of 18 Best Carving Tools, Beech Handles, Ground and Set ready for use ... ...**15/6** per set

213.—Canvas Rolls, green baize lined, to hold above Tools—
For 12 tools, **2/6**; For 18 tools, **3/-** ea.

214.—Carvers' Beech Mallets—
3″, **10d**; 3½″, **1/-**; 4″, **1/2** ea.

No. 214

No. 215

No. 216

No. 217

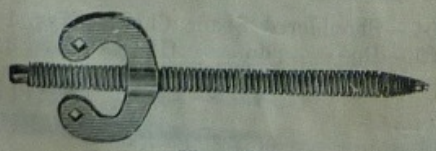
No. 218

No. 219

Best Quality Chip Carving Knives, Beech Handles—
215—**9d.** 216—**9d.** 217—**9d.** 218—**10d.** 219—**9d.** ea.

220.—Carvers' Screws to hold work to bench—
10 by ½in., **3/-** each

221.—Carvers' Clips—
9d. each; **1/6** pair

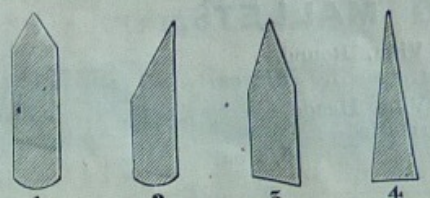


No. 220

No. 222

222—Carvers' Riffler Files, assorted ... ... **10d.** **1/-** **1/3** ea.

PIKES



1 2 3 4

ARKANSAS

Lot 223

223.—These Sets consist of four fine grained Arkansas Slip Stones of shapes shown in cut, and are intended for sharpening Carvers' Tools. Illustration full size ... ... **1/- ea.; 3/- set**
For Turkey and Washita Slips, see No. 670.

224.—Books of Carving Designs, containing 12 sheets of Designs for Chip Carving ... ... **1/- ea.**

225.—Do. do. do. containing 17 sheets larger and more Advanced Designs for Relief Carving ... ... **2/6 ea.**

We have a Large Stock of Designs for Fretwork, Chip and Relief Carving, Leather and Repousse work, from **3d.** each.

Separate Illustrated Lists of Carvers' Tools, Leather and Repousse Work Tools on application.

CAULKING IRONS.

Blunt, No. 226 | **Spike, No. 227** | **Treenail, No. 228** | **Jerry, No. 229** | **Bent, No. 230** | **Single Crease, No. 231**

Best Cast Steel Caulking Irons—

	No. 226	227	228	229	230	231	232	
	11d.	**11d.**	**11d.**	**1/-**	**1/-**	**1/1**	**1/1**	ea.
233.—Single Crease Caulking Iron			...	...	...	...	**1/1**	,,
234.—Double do. do.			...	...	...	...	**1/3**	,,
235.—Treble do. do.			...	...	...	...	**1/4**	,,
236.—Bent Single Crease Caulking Iron				...	...	...	**1/3**	,,
237.—Bent Double do. do.				...	...	...	**1/6**	,,

No. 238

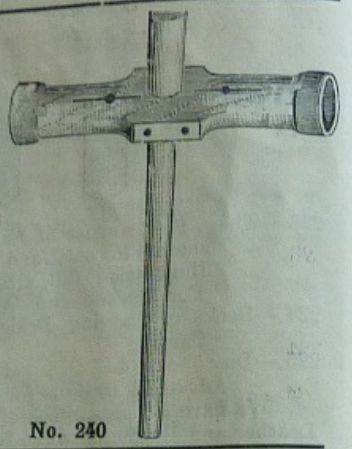
238.—Shipwrights' Marline Spikes, best quality—
8in., **10d.**; 10in., **11d.**; 12in., **1/1** ea.

CARRIAGE PAID ON ORDERS OVER 20/-.

CAULKING MALLETS.

239.—Best Lignum Vitæ, Round Heads ... ... 3/3 ea.

240.—Best Lignum Vitæ Heads, Oval Centres, rivetted— 4/3 ea.



No. 240

No. 241

241.—Solid Steel Oval Eye, Pin Mauls ... ... 9d. lb.

CHALK LINES, REELS and PINS.

No. 246

242.—Best quality Chalk Lines, 20 yds. ... 4d. ea.
243.—Best quality Hemp Masons' Lines 3d. and 4d. ,,
244.—Beech Reels, flat ... ... 2½d. ,,
245 —Box Reels, flat ... ... 3½d. ,,
246.—Beech Reels, long ... ... 3½d. ,,
247.—Box Reels, long ... ... 4½d. ,,

248.—Brass Reels, to hold 20 yds. ... ... 6d. ea.

249.—Preston's Unbreakable Leather Reels, with Brass Centres ... ... 6d. ea.

No. 248

No. 251

250.—Black Steel Line Pins—7½d. pair
251.—Bright do. do. 9½d. ,,

CHISELS.

No. 252

252.—Ibbotson's, Howarth's, or Sorby's C.S. Firmer Chisels—

1/16 to ¼	⅜	½	⅝	¾	⅞	1	1¼	1½	1¾	2	in.
4d.	4½d.	5d.	5½d.	6d.	7d.	8d.	11d.	1/1	1/3	1/5	ea.

No. 253

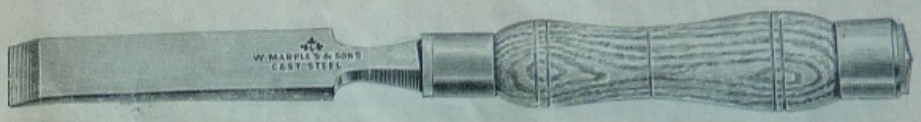
253.—Ibbotson's, Howarth's, or Sorby's, C.S., bevelled edge—

1/16 to ¼	⅜	½	⅝	¾	⅞	1	1¼	1½	1¾	2	in.
7½d.	8d.	8½d.	9d.	9½d.	10d.	11d.	1/3	1/5	1/10	2/-	ea.

254.—Best C.S. Firmer Chisels, extra strong—

4½d.	5d.	5½d.	6½d.	7d.	8d.	9½d.	1/-	1/3	1/5	1/8 ,,

CHISELS—continued.



No. 255

255.—Shipwrights' Chisels, with Iron Ferruled Handles—

$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$	in.
10d.	**11d.**	**11d.**	**1/-**	**1/-**	**1/2**	**1/4**	**1/5**	**1/6**	**1/8**	**1/10**	ea.

No. 256

256.—Coachmakers' Best Cast Steel Chisels—

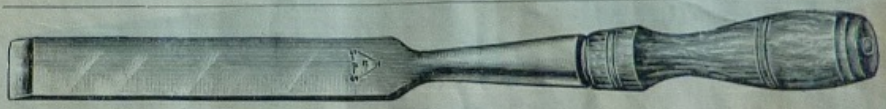
$\frac{1}{16}$ to $\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2	in.
6d.	**6½d.**	**7d.**	**8d.**	**9d.**	**10d.**	**11d.**	**1/3**	**1/6**	**1/10**	**2/3**	ea.

257.—Coachmakers' Best Cast Steel Bevelled Edge Chisels—

$\frac{1}{16}$ to $\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2	in.
1/-	**1/1**	**1/2**	**1/3**	**1/4**	**1/6**	**1/8**	**2/3**	**2/6**	**2/9**	**3/-**	ea.

258.—Millwrights' Best Cast Steel Chisels—

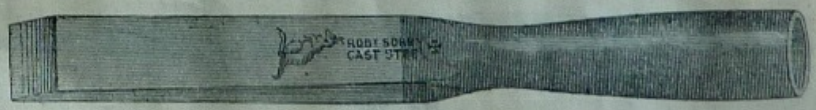
$\frac{1}{16}$ to $\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2	in.
7½d.	**8d.**	**9d.**	**11d.**	**1/-**	**1/3**	**1/4**	**1/8**	**2/1**	**2/6**	**3/-**	ea.



No. 259

259.—American Pattern Long Socket Chisels, with Leather Tipped Ash Handles—

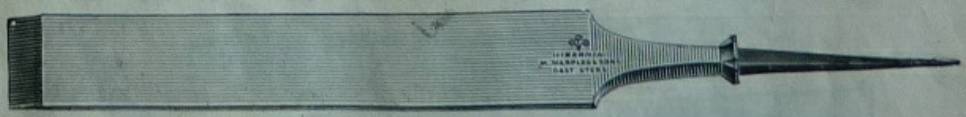
$\frac{1}{4}$ to $\frac{3}{8}$	$\frac{7}{16}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$ in.
1/-	**1/2**	**1/3**	**1/4**	**1/6**	**1/8**	**1/10**	**2/-**	**2/3** ea.



No. 260

260.—Best Cast Steel Blued Socket Chisels—

$\frac{1}{16}$ to $\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2	in.
10d.	**10d.**	**10d.**	**10½d.**	**1/-**	**1/1**	**1/2**	**1/4**	**1/6**	**1/9**	**1/11**	ea



No. 261

261.—Ibbotson's, Howarth's, or Sorby's Long Thin Paring Chisels—

$\frac{1}{16}$ to $\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2	in.
7d.	**7½d.**	**8d.**	**9d.**	**10d.**	**1/-**	**1/2**	**1/6**	**1/9**	**2/2**	**2/8**	ea.

CARRIAGE PAID ON ORDERS OVER 20/-.

CHISELS—continued.

No. 262

262.—Ibbotson's, Howarth's, or Sorby's Bevelled Edge Chisels—

1/16 to 1/4	3/8	1/2	5/8	3/4	7/8	1	1 1/4	1 1/2	1 3/4	2	in.
1/-	1/-	1/-	1/1	1/3	1/4	1/5	1/10	2/2	2/8	3/4	ea.

No. 263

263.—Turning Chisels, best Cast Steel—

1/16 to 1/4	3/8	1/2	5/8	3/4	7/8	1	1 1/4	1 1/2	1 3/4	2	in.
5d.	5 1/2d.	6d.	7d.	8d.	8 1/2d.	10d.	1/1	1/4	1/7	1/9	ea.

264.—Turning Chisels, long and strong—

1/16 to 1/4	3/8	1/2	5/8	3/4	7/8	1	1 1/4	1 1/2	1 3/4	2	in.
8 1/2d.	9d.	9 1/2d.	11d.	1/-	1/1	1/3	1/6	1/9	2/2	2/6	ea.

No. 265

265.—Cabinet Makers' best Cast Steel Mortice Chisels—

1/8	3/16	1/4	5/16	3/8	7/16	1/2	9/16	5/8	3/4	7/8	1 in.
1/1	1/1	1/1	1/1	1/1	1/2	1/3	1/4	1/5	1/10	2/2	2/8 ea.

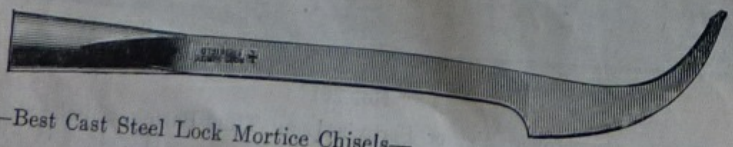
No. 266

266.—Best Bolstered Sash Mortice Chisels, without Handle—

1/8	3/16	1/4	5/16	3/8	7/16	1/2	9/16	5/8	3/4 in.
1/1	1/1	1/1	1/1	1/2	1/3	1/3	1/5	1/7	2/- ea.

267.—Best Bolstered Sash Mortice Chisels, Box Handled—

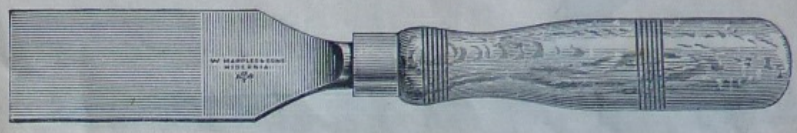
1/8	3/16	1/4	5/16	3/8	7/16	1/2	9/16	5/8	3/4 in.
1/7	1/7	1/7	1/7	1/8	1/9	1/9	1/11	2/1	2/6 ea.



No. 268

268.—Best Cast Steel Lock Mortice Chisels—
7/16in., 3/-; 1/2in., 3/2; 9/16in., 3/4; 5/8in., 3/4 ea.

CHISELS—continued.



No. 269

269.—Sash Pocket Chisels, Ash Handled—1½in., **1/1**; 1¾in., **1/3**; 2in., **1/4** ea.

SETS OF CHISELS.

270.—Set of 12 Ibbotson's, Howarth's, or Sorby's Cast Steel Firmer Chisels—
$\frac{1}{16}$ to 1in., **4/6**
271.—Do. do. do. ... ... $\frac{1}{8}$ to 1¼in., **5/3**
272.—Do. do. do. ... ... $\frac{1}{8}$ to 1½in., **5/9**

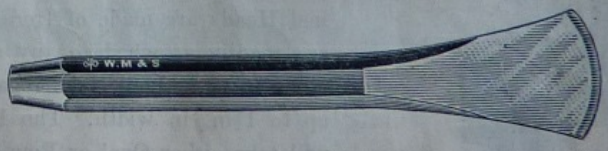
Handles for above extra. For Prices see No. 506.

No. 276

273.—Upholsterers' Ripping Chisels, Box Handled ... ... **1/1** ea.

No. 274

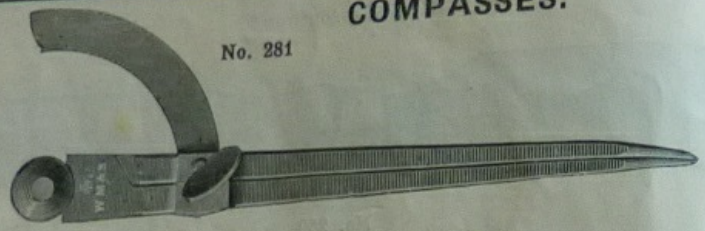
274.—Plugging Chisels, best quality ... ... **10d., 11d., 1/-** ea.
275.—Draw Lock Chisels ... ... **10d.** ,,
276.—Hand Rail Chisels or Punches ... ... **6d.** ,,
277.—Best Cast Steel Cold Chisels, 4 to 5in., Cross Cut, Diamond, Half-round, Flat ... ... **6d.** ,,
278.—Best Cast Steel Cold Chisels, all sizes ... ... **1/-** lb.



No. 279

279.—Best Cast Steel Cold Chisels, for cutting corrugated iron—
7in., **1/1**; 8in., **1/4** ea.
280.—Best Cast Steel Punches for corrugated iron ... ... **10d.** ea.

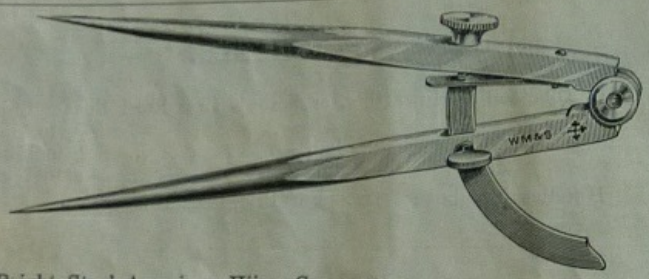
COMPASSES.



No. 281

281.—Best Black Wing Compasses, Lancashire make—

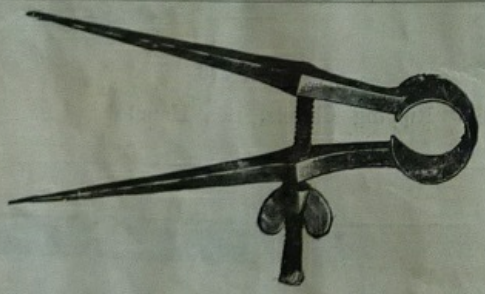
6	7	8	9	10	in.
1/8	1/10	2/-	2/6	3/-	,,



No. 282

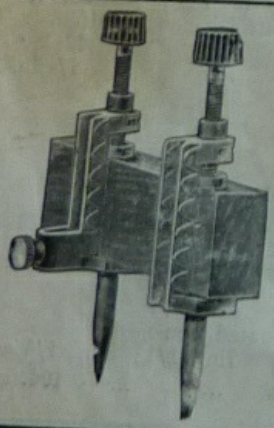
282.—Bright Steel American Wing Compasses—

6	7	8	9	10	12	in.
10d.	1/-	1/2	1/6	2/	2/9	pair



No. 283

			4	5	6	in.
283.—Best quality Spring Dividers	...	...	1/-	1/1	1/2	pair
284.—Best quality Lancashire make	...	...	2/-	2/3	2/6	,,



No. 285

TRAMMEL HEADS.

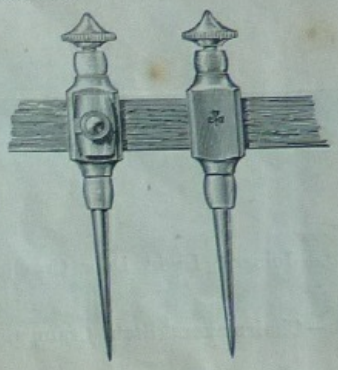
285.—Iron Trammel Heads, Nickel-plated, with Open Sides and Steel Points. These Trammel Heads are made of Iron nickel-plated, are readily attached to any straight stick or measure without strict regard to its size up to 1¼in. in width. The Pencil Holder will take either Oval or Round Pencils—

2/3 pair

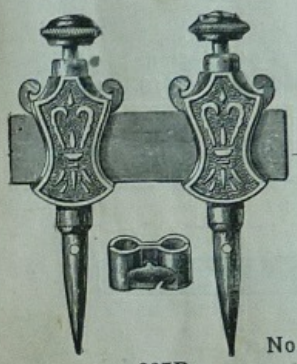
TRAMMEL HEADS—continued.

286.—Brass Trammel Heads, with Steel Points and Pencil Holder—

Size $\frac{9}{16}$x$\frac{1}{4}$	$\frac{11}{16}$x$\frac{5}{16}$	$\frac{13}{16}$x$\frac{7}{16}$	1x$\frac{1}{2}$
2/-	2/3	2/9	3/6 pair



No. 286



287B.

No. 287

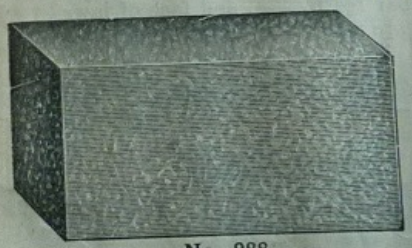
287.—Stanley American Bronze Trammel Heads, with Steel Points—

No. 1	2	3
3/3	4/3	6/- pair

287B.—Trammel Points for Rules ... 1/9 set

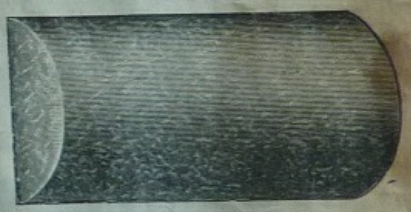
Stanley Pencil Holders for Wing Compasses— 6d. ea.

CORK RUBBERS.



No. 288

Size $4\frac{1}{2}$ by $2\frac{1}{2}$ by $1\frac{1}{2}$in.

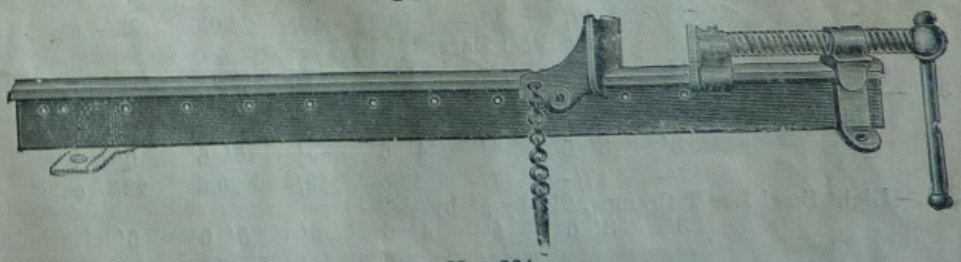


No. 289

Best Compressed Cork Rubbers, size $4\frac{1}{2}$ by $2\frac{1}{2}$ by $1\frac{1}{2}$in.— 288—3d.; 289—5d. ea.

290.—Best Pure Cork Rubbers ... ... 5d., 6d. ea.

CRAMPS.



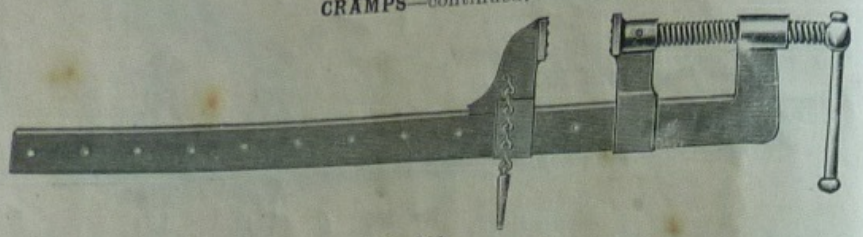
No. 291

Section $2\frac{1}{2}''$ by $\frac{7}{8}''$	3′ 6″	4′	4′ 6″	5′	5′ 6″	6′
291.—Strong T Cramps ...	11/9	12/6	13/-	13/6	14/-	15/- ea.

292.—Lengthening Bars for above ... ... extra 2/6 per foot

CARRIAGE PAID ON ORDERS OVER 20/-.

CRAMPS—continued.



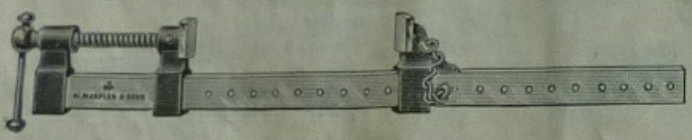
No. 293

293.—Joiners' Light Door Cramps, 2″ by ½″ bars—

4′	4′ 6″	5′	5′ 6″	6′	
12/6	13/-	13/6	14/3	14/9	ea.

294.—Chairmakers' Stout Cramps, 2½″ by ⅝″ steel bar—

4′	4′ 6″	5′	5′ 6″	6′	
24/-	26/-	28/-	30/-	32/-	,,



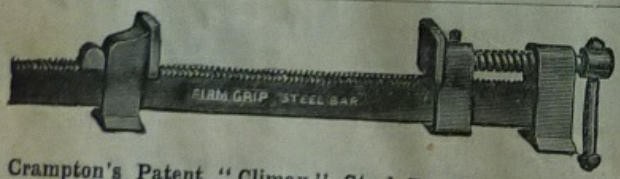
No. 295

295.—Bright Iron Sash Cramps, with extra sliding stay—

24	27	30	33	36	42	48	in.
9/6	10/3	10/6	11/6	11/9	13/-	14/-	pr.

296.—Improved Bright Steel Sash Cramp, with bar 1½″ by $\frac{5}{16}$″, and face of jaws set low. The adjusting jaw and head are made with supporting foot—

Length of bar 24	27	30	33	36	42	48	in.
5/6	6/-	6/6	7/-	7/6	8/6	9/6	ea.



No. 297

Crampton's Patent "Climax" Steel Bar Cramps.

297.—Sash Cramps, 1¼″ by ¼″, Bright Steel Bars—
24″, 7/-; 30″, 8/-; 36″, 10/- ea.

298.—Crampton's Patent "Climax" Door Cramp, 2″ by $\frac{7}{16}$″—

3′	3′ 6″	4′	4′ 6″	5′	5′ 6″	6′	
17/-	17/-	17/-	18/6	19/-	20/6	22/-	ea.

299.—Do. do. Flat Steel Bars, 1¾″ by ⅜″—

14/-	14/-	14/-	16/-	17/-	—	—	

300.—Crampton's "Climax" Strong Steel Bar T Cramps. Section 2⅝″ by $\frac{7}{8}$″ by $\frac{5}{16}$″—

3′	3′ 6″	4′	4′ 6″	5′	5′ 6″	6′	
17/-	17/-	17/-	18/6	19/-	20/6	22/-	ea.

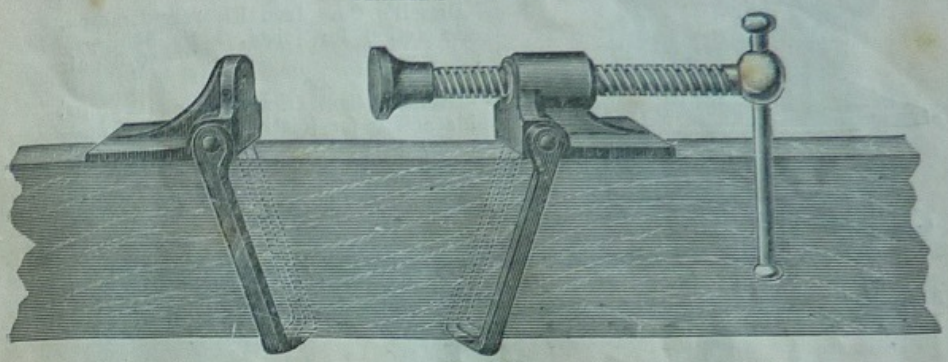
301.—Light Steel Bar T Cramps, 2⅛″ by ⅝″ by $\frac{5}{16}$″—

3′	3′ 6″	4′	4′ 6″	5′	5′ 6″	6′	
14/6	14/6	15/-	15/6	16/-	17/-	18/-	ea.

302.—The "Acme" Sash Cramp—

27	30	33	36	42	in.
9/-	9/6	10/-	10/6	12/-	ea.

CRAMPS—continued.

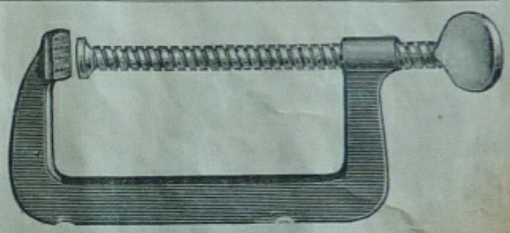


No. 303

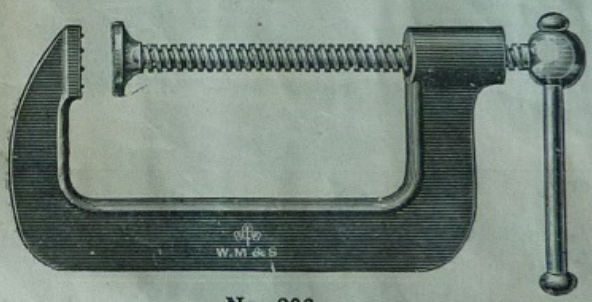
303.—Cramp Heads. With these Heads a thoroughly reliable cramp can be at once made with planks of any length—
4 by $1\frac{3}{4}$in., **3/9**; $5\frac{1}{2}$ by $2\frac{1}{2}$in., **4/9**; 6 by $3\frac{1}{4}$in., **6/9** pair

304.—Light **G** Cramps with Thumbscrew—
To take in:

2	3	4	5	in.
1/1	**1/3**	**1/7**	**1/11**	ea.
	6	7	8	in.
	2/6	**3/-**	**3/6**	ea.



No. 304



No. 306

305.—Coachmakers' Strong Hand Cramps—
To take in:

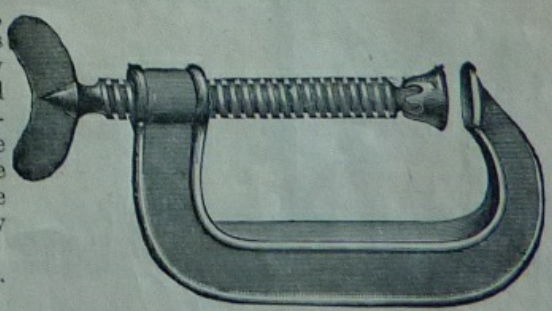
6	7	8	9	10 in.
Section of Bar:				
$1\frac{1}{2}$x$\frac{3}{8}$	$1\frac{1}{2}$x$\frac{3}{8}$	$1\frac{3}{4}$x$\frac{3}{8}$	2x$\frac{3}{8}$	2x$\frac{1}{2}$ in.
Dia. of Screw:				
$\frac{11}{16}$	$\frac{3}{4}$	$\frac{3}{4}$	$\frac{7}{8}$	$\frac{15}{16}$
4/6	**5/-**	**5/6**	**6/-**	**6/6** ea.

306.—Coachmakers' Strong Ribbed Hand Cramps—

To take in:	6	7	8	9	10 in.
	4/-	**4/6**	**5/-**	**5/6**	**6/-**

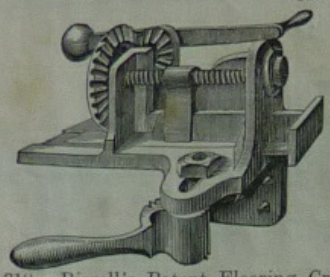
307.—Malleable Iron **G** Cramps, as illustrated. These Cramps are made with Ball-end Screw and Socket Swivel Head, and they conform to any irregularity in the work to be cramped, and work can be gripped without injury. The Screw is of Steel, with heavy square thread—

4	5	6	8	in.
1/6	**2/-**	**2/6**	**3/-**	



No. 307

CRAMPS—continued.



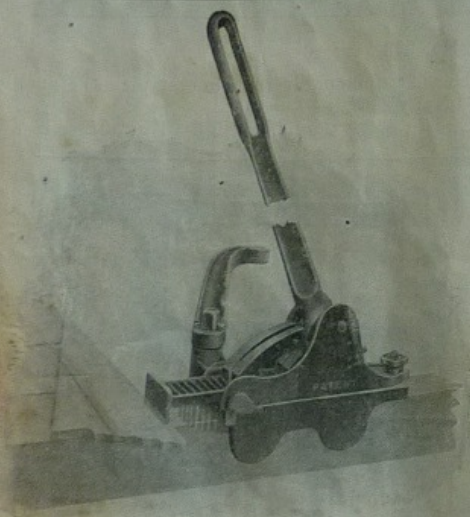
No. 308

308.—Bissell's Cast Iron Flooring Cramps, side action for joists, 2 by 3½in.— **19/6** pair

309.—Bissell's Cast Iron Flooring Cramps, side action for joists, Malleable Iron— **26/-** pair

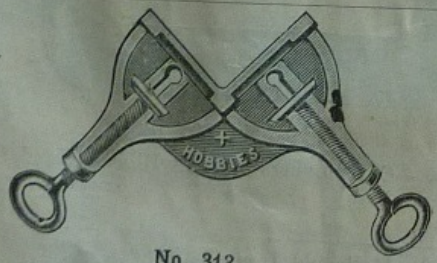
310.—Bissell's Patent Flooring Cramps, top action for joists, Cast Iron— 2 by 3½in., **26/6** pair

311.—Do. do. do. Malleable Iron ... ... **32/-** ,,

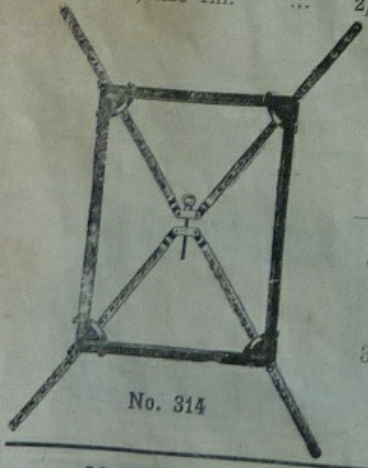


312.—Universal Lever Flooring Cramp. Is an indispensable Builders' Cramp. The patent leverage is a combined arrangement of levers, giving an enormous pressure for a slight force on the handle. Will cramp the last board. Will cramp on concrete floor. Weight about 16 lbs. Grips on joints. Saves 50 per cent. in cost of labour in cramping a floor— ... **24/-** ea.

313.—Hobbies Patent Corner Cramps—
No. 1, size 2½in. ... **1/-** ea.
No. 2, size 4in. ... **2/-** ,,



No. 313



No. 314

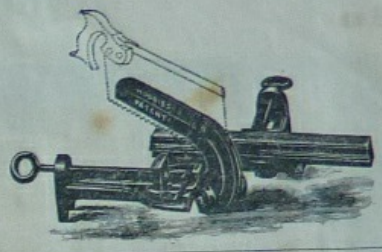
314.—Hobbies Patent 4-Corner Cramps, takes in all four corners at once, adjustable to any frame from 7 by 5in. to 38 by 26in. **7/6** ea.

315.—Hobbies Patent 4-Corner Cramps, takes in all four corners at once, adjustable to any frame from 12 by 6in. to 52 by 33in. **10/6** ea.

CRAMPS—continued.

316.—Hobbies Combined Mitre Cutting Block and Corner Cramp for mouldings up to 4½in. wide ... **6/-** ea.

317.—Do. Extra Strong for mouldings up to 5½in. wide ... **11/-** ea.



No. 316

318.—Preston's Patent 4-Corner Chain Cramp, with top pressure grip at each corner to keep frame from winding. Takes frame any size ... ... **10/6** ea.

319.—Do. without top pressure grips ... **7/6** ea.

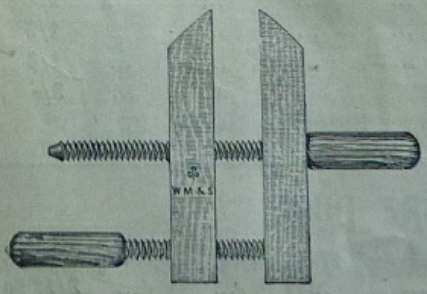
No. 318

320.—**Best Malleable Iron Joiners' Dogs—** **1½d., 2d., 2½d.** ea.; **1/9** doz.

321.—Best Steel do.—**2½d., 3d., 3½d.** ea.; **2/6** doz.

322.—Drop Forged do.—**2d.** and **2½d.** ea.; **1/9** doz.

No. 320



323.—**Best Beech Hand Screws,** own make—

6	8	10	12	14	16 in.
9d.	**10d.**	**1/1**	**1/2**	**1/4**	**1/6** ea.

324.—Best Hickory Hand Screws, stronger than Beech—

5	7	8	10	12	14 in.
1/2	**1/4**	**1/6**	**1/10**	**2/3**	**2/9** ea.

No. 323

Special Quotations for Quantities.

CARRIAGE PAID ON ORDERS OVER 20/-.

DIAMONDS.

No. 325

Best Glaziers' Diamonds. All warranted to re-set.
Cost of Re-setting from 2/6.

325.—For Sheet Glass	6/-	10/-	ea.
326.—For Thick Sheet Glass	12/-	16/-	21/- ,,
327.—For Plate Glass	30/-	35/-	40/- ,,

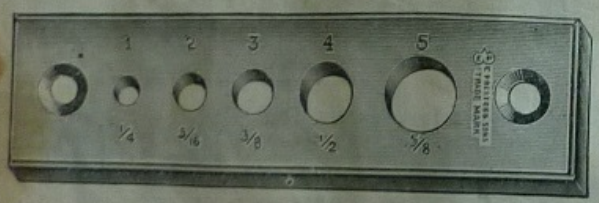
No. 328

328.—Aluminum Glass Cutter. Extra hard finished Cutter, made in England— 6d. ea.
329.—Do. do. with interchangeable wheels ... ... 1/- ea.

No. 330

330.—Goodell Pratt Glass Cutter, with 6 best quality Wheels ... 1/6 ea.
331.—Do. do. do. with 12 Wheels ... ... 2/6 ,,
332.—Extra Wheels, best quality ... ... 3d. ,,

DOWEL PLATES.



No. 333

Best Bright Steel Dowel Plates.

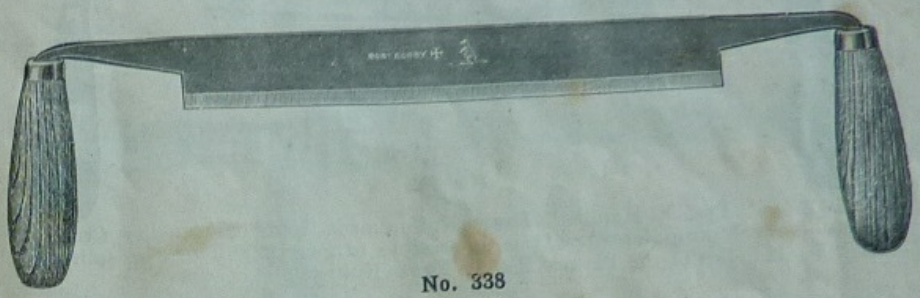
333.—3-Hole—$\frac{1}{4}''$ $\frac{3}{8}''$ $\frac{1}{2}''$	1/- ea.
334.—4-Hole—$\frac{1}{4}''$ $\frac{5}{16}''$ $\frac{3}{8}''$ $\frac{1}{2}''$	1/2 ,,
335.—5-Hole—$\frac{1}{4}''$ $\frac{5}{16}''$ $\frac{3}{8}''$ $\frac{7}{16}''$ $\frac{1}{2}''$	1/6 ,,
336.—6-Hole—$\frac{1}{4}''$ $\frac{5}{16}''$ $\frac{3}{8}''$ $\frac{7}{16}''$ $\frac{1}{2}''$ $\frac{5}{8}''$	2/- ,,

Dowel Bits, see No. 71. Dowel Rounders, see No. 107.

DRAW BORE PINS.

337.—Best quality Draw Bore Pins, Boxwood Handles, $\frac{3}{8}''$, $\frac{1}{2}''$, or $\frac{5}{8}''$ by 9 or 10" Blades ... ... 2/11 pair

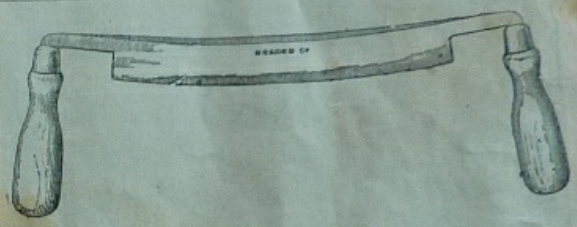
DRAW KNIVES.



No. 338

338.—Carpenters' Draw Knives, Gilpin's best cast-steel—

6	7	8	9	10	11	12 in.
1/9	1/11	2/-	2/2	2/4	2/6	2/9 ea.



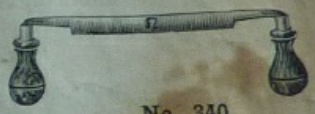
No. 339

339.—Hunt's Improved Pattern, Rounded Blade—

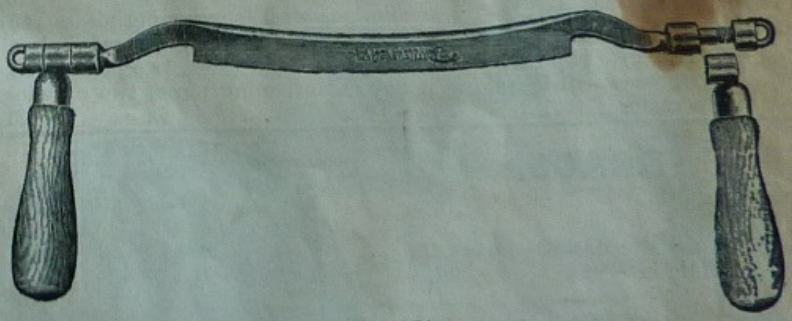
7	8	9	10	11	12 in.
2/2	2/2	2/4	2/6	2/10	3/3 ea.

340.—Light Cast Steel Draw Knives, Boxwood Handles—

5	6	7	8 in.
1/8	2/-	2/4	2/6 ea.



No. 340

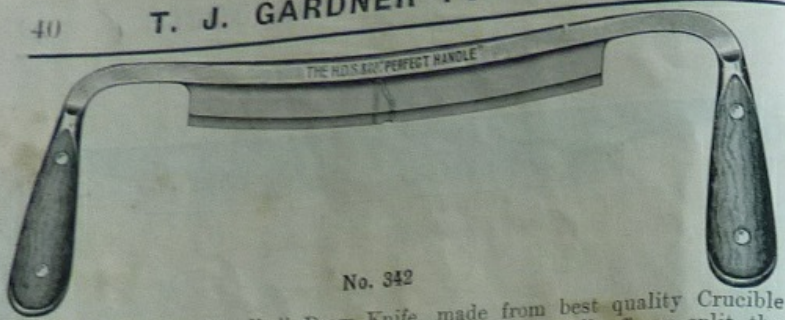


No. 341

341.—James Swan Adjustable Handle Draw Knives, best quality, Narrow Blades, Bevelled on both sides

8	9	10 in.
4/6	5/-	5/6 ea.

CARRIAGE PAID ON ORDERS OVER 20/-.

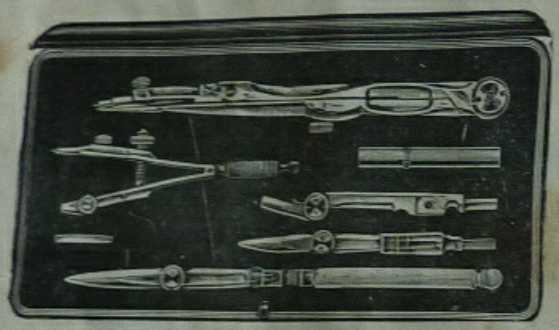


No. 342

342.—The "Perfect Handle" Draw Knife, made from best quality Crucible Steel, drop forged. It is impossible to loosen, pull off, or split the Handles of the Perfect Handle Draw Knife.

8	10	12 in.
4/-	4/6	5/- ea.

DRAWING INSTRUMENTS.



No. 346

343.—Best quality Nickel-plated Drawing Instruments in Velvet Lined Case. One pair Compasses with changing points, Dividers, Drawing Pen, Rule and Protractor ... ... 4/6 set.

344.—Do. do. do. ... ... 5/6 ,,

345.—Do. do. do. Leather covered case 7/6 ,,

346.—Best quality Nickel-plated Instruments in Leather covered Velvet Lined Case. One pair Compasses with changing points, Dividers, one English pattern Spring Bow Compasses, Drawing Pen, Rule, and Protractor. 10/6 set.

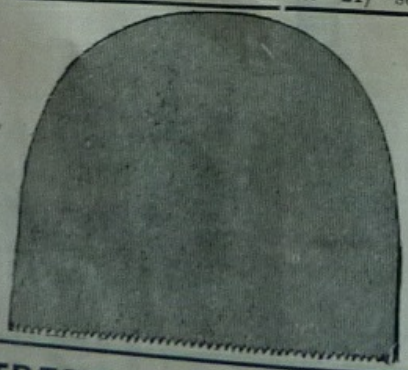
347.—Do. do. do. with lengthening pieces 15/6 ,,

348.—Best quality Nickel-plated Instruments in Leather covered Velvet Lined Case. Two pairs Dividers, two pairs Compasses, two pairs Spring Bow Compasses with changing points, lengthening piece, two drawing pens, Protractor ... ... 21/- set.

DRAGS.

349.—Best quality Masons' Drags, fine, middle or course ... 9d. ea.

350.—Best quality Cockscomb Drags assorted shapes, from 7d. ea.

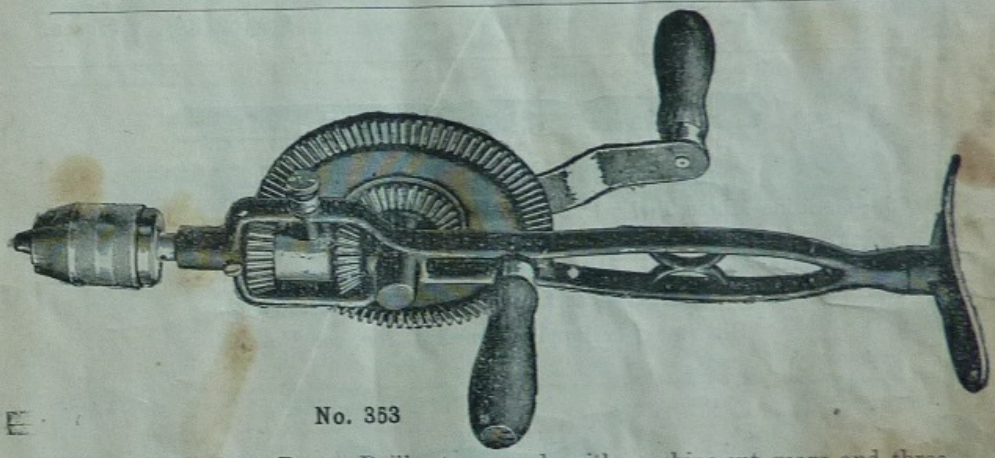


No. 349.

DRILLS.

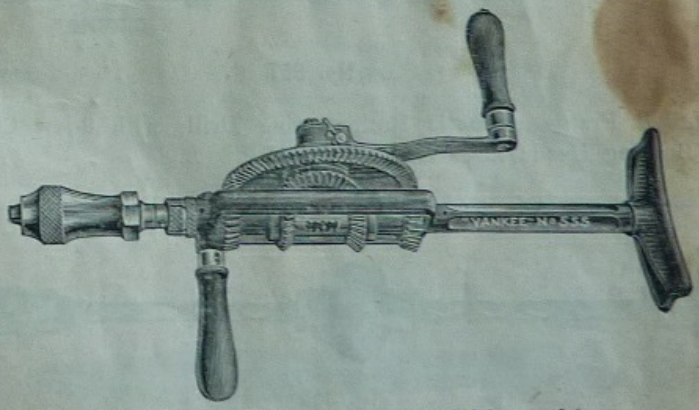
No. 351

351.—Best English make Breast Drills, two-speed, with level ... 8/9 ea.
352.—Do. do. Ball bearing ... ... 10/- ,,



No. 353

353.—Goodell Pratt Breast Drills, two-speed, with machine-cut gears and three-jaw Chuck, to take 0 to ½" ... ... 12/6 ea.

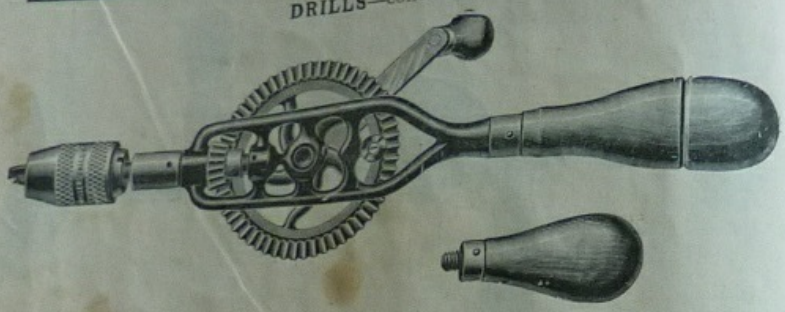


No. 354

354.—The "Yankee" Breast Drill, two-speed, with machine-cut gears. May be used as an ordinary Drill; right-hand Ratchet, left-hand Ratchet; also Ratchets either way, so that any movement of handle causes the drill to revolve ... ... 21/- ea.

CARRIAGE PAID ON ORDERS OVER 20/-.

DRILLS—continued.



No. 355

355.—Millers' Falls Hand Drill, with 3-jaw Chuck—

No. 1	3	5
4/9	3/9	5/9 ea.

No. 356

356.—Genuine Morse Twist Drills, round shanks. For Chuck.

$\frac{1}{32}$	$\frac{1}{16}$	$\frac{3}{32}$	$\frac{1}{8}$	$\frac{5}{32}$	$\frac{3}{16}$	$\frac{7}{32}$	$\frac{1}{4}$	$\frac{9}{32}$	$\frac{5}{16}$	$\frac{11}{32}$	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{1}{2}$ in.
2d.	2d.	2d.	$2\frac{1}{2}$d.	3d.	$3\frac{1}{2}$d.	$4\frac{1}{2}$d.	$5\frac{1}{2}$d.	6d.	7d.	8d.	$9\frac{1}{2}$d.	11d.	$1/1\frac{1}{2}$ ea.

For larger sizes to 1 inch, see Engineers' List.

Bit Stock, or Square Shank Drills, see No. 106.

No. 357

357.—Goodell Pratt Automatic Reciprocating Drill, with 3-jaw Chuck, Ball Bearing Head; takes Drills 0″ to $\frac{1}{4}$″ ... ... 7/6 ea.

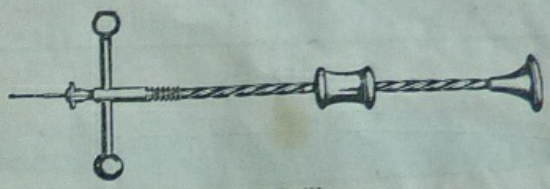
No. 358

358.—The "Yankee" Reciprocating Drill, with 3-jaw Chuck, takes Drills 0″ to $\frac{3}{16}$″ 8/6 ea.

DRILLS—continued.

No. 359

No. 360



No. 361

359.—Hobbies' "Boys" Archimedean Drill ... ... 6d. ea.
360.—Do. "Simplex" do. ... ... 1/- ,,
361.—Do. "Rapid Action" Drill ... ... 1/6 ,,
362.—Boxes of Drills for above, containing 1 doz. best quality ... 6d. box.

For Bench Drills and complete list of Breast and Hand Drills see my Engineers' List.

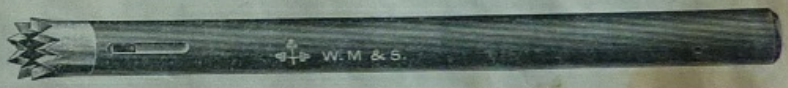
WALL DRILLS.

No. 363

363.—Best Cast Steel Cruciform, or 4-fluted Drills—

	12	14	16	18 in.
3/8" diameter	1/-	1/2	1/3	— ea.
1/2" ,,	1/2	1/3	1/4	1/6 ,,
5/8" ,,	1/3	1/4	1/6	1/8 ,,

364.—Best Cast Steel Nigger Drills ... ... 1/- 1/3 1/6 ea.



No. 365

365.—Lightning Wall Drills; made from best Sheffield Steel. Fastest Drill made, will bore a clean hole through anything without damaging the wall—

3/8 by 8	1/2 by 8	5/8 by 10	3/4 by 10	7/8 by 12	1 by 12 in.
1/6	1/8	2/-	2/4	2/10	4/- ea.

366.—Limpet Plugs for above—

3/8	1/2	5/8	3/4	7/8	1 in.
3/-	3/2	3/8	4/-	4/4	4/8 per 100

No. 367

367.—Freestone Bits, about 9in. long—

1/4	3/8	1/2	5/8	3/4	7/8	1 in.
7d.	7½d.	8d.	9d.	10d.	11d.	1/- ea.

CARRIAGE PAID ON ORDERS OVER 20/-.

EMERY CLOTH.

368.—Oakey's or Davies' Best ... ... 2 sheets, 1½d.; 1/2 qr.
369.—Do. do. Blue Twill ... ... 2d. sheet; 2/4 ,,
370.—Carborundum Cloth, 10 times sharper and more lasting than emery— 3d. sheet
371.—Emery Powder, all sizes ... ... 3d. lb.; 7lbs. for 1/6
372.—Carborundum Powder, in sealed canisters ... ... 2/- lb.
Special Quotations for Quantities.

FILES.

No. 373

Best Crucible Cast Steel Hand Cut Files. Bastard.

373.—Flat.		374.—Half-round.				375.—Round.		376.—Square.			
4	5	6	7	8	9	10	12	14	15	16	in.
3d.	3½d.	4d.	5d.	6d.	7½d.	9d.	1/-	1/5	1/8	2/-	ea.

Do. do. Smooth Cut.					377.—Half-round.			378.—Round.			
4	5	6	7	8	9	10	12	14	15	16	in.
4d.	5d.	6d.	7d.	8d.	9d.	11d.	1/3	1/9	2/4	2/10	ea.

No. 379

379.—Hand Bastard, one safe edge —

4	5	6	7	8	9	10	12	14	15	16	in.
4d.	5d.	6d.	7d.	8d.	9d.	11d.	1/3	1/9	2/2	2/6	ea.

380.—Hand Smooth, one safe edge—

4	5	6	7	8	9	10	12	14	15	16	in.
6d.	7d.	8d.	9½d.	11d.	1/1	1/4	1/8	2/4	2/10	3/4	ea.

No. 381

381.—Best Cast Steel Cabinet Files. 382.—Cabinet Rasps.

4	5	6	7	8	9	10	12	14	15	16	in.
4d.	5d.	6d.	7d.	8d.	9d.	11d.	1/3	1/9	2/4	2/10	ea.

No. 383

383.—Half-round Wood Rasps. 384.—Round Wood Rasps.

4	5	6	7	8	9	10	12	14	15	16	in.
3d.	3½d.	4d.	5d.	6d.	7½d.	9d.	1/-	1/5	1/8	2/-	ea.

The Prices quoted above are for Tyzack's, Beckett's, or Atkins' celebrated makes. Special Quotations for Quantities.

FILES—continued.

No. 385

385.—Flat Wood Rasps. 386.—Hand Wood Rasps, one safe edge.

4	5	6	7	8	9	10	12	14	16 in.
4d.	**5d.**	**6d.**	**7d.**	**8d.**	**9d.**	**11d.**	**1/3**	**1/9**	**2/-** ea.

No. 387

387.—Best Single Cut Taper Saw Files—

2 to 3½	4	4½	5	6	7	8	9	10 in.
2½d.	**3d.**	**3½d.**	**4d.**	**5d.**	**6d.**	**8d.**	**10d.**	**1/-** ea.

388.—Best Lancashire Blunt Double Cut Saw Files—

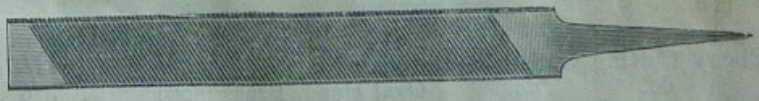
3	3½	4	4½	5	6	7	8 in.
3d.	**3½d.**	**4d.**	**4½d.**	**5d.**	**6d.**	**8d.**	**10d.** ea.

	4½	5	6	7	8 in.
389.—Stubb's Frame Saw Files ...	**4½d.**	**5d.**	**6d.**	**8d.**	**10d.** ea.
390.—Stubb's Gulletting Files ...	**4½d.**	**6d.**	**7d.**	**9d.**	**10d.** ,,

No. 391

391.—Yankee "Double Ender" Saw Files, with Handle. These Files are a great improvement upon the ordinary Taper Saw Files, and are kept in stock in lengths, 7in. to 12in., corresponding to **two** 3½in. to 6in. ordinary Taper Saw Files—

7	8	9	10	12 in.
4d.	**4½d.**	**5d.**	**5½d.**	**8d.** ea.



No. 392

392.—Beckett's or Tyzack's Mill Saw Files, 2 round edges—

6	7	8	9	10 in.
6d.	**7d.**	**8d.**	**9d.**	**10d.** ea.
5/6	**5/9**	**6/6**	**8/-**	**9/-** doz.

393.—Peter Stubb's Wood Handled do. ... Single Cut, 8in., **6/-** ,,

394.—Best Cast Steel Bamboo Rasps. Half-round Backs—

10x½	12x⅝	12x¾	12x⅞	12x1	12x1¼	12x1⅜	12x1½ in.
1/3	**1/3**	**1/5**	**1/5**	**1/7**	**1/9**	**1/11**	**2/3** ea.

395.—Masons' Mitre Rasps ... . 8in., **10d.**; 9in., **11d.** ea.

Special Quotations for larger Quantities.

For Carvers' Riffler Files and Rasps, see No. 222.
For File Handles, see No. 514.

FILES—continued.

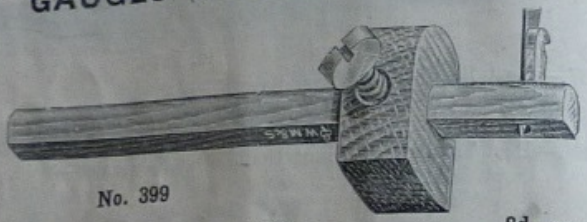
No. 396

396.—Handled File Cleaners ... ... 6d. ea.
397.—Card Wire ... ... 6d. ft.
398.—Do. Best ... ... 1/- ,,

For Complete List of Files, see my Engineers' List.

GAUGES (CUTTING).

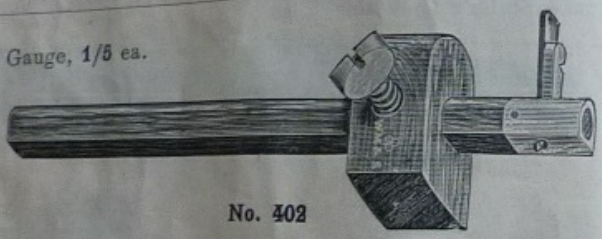
399.—Best Beechwood Cutting Gauge, Boxwood Thumbscrew. 7½d. ea.



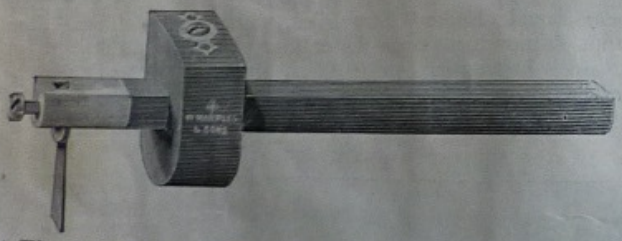
No. 399

400.—Patent Beechwood Cutting Gauge, with wedge ... ... 8d. ea.

401.—Hardwood Cutting Gauge, 1/5 ea.
402.—Hardwood Cutting Gauge, Brass Hooped ... 2/- ea.
403.—Hardwood Cutting Gauge, Brass Hooped, Head Brass Faced ... 2/9 ea.



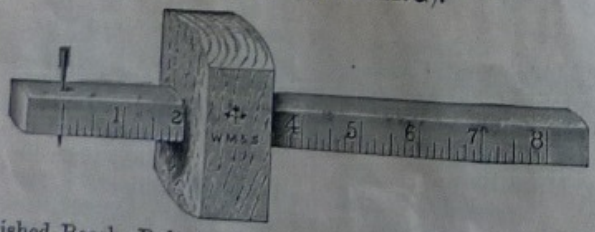
No. 402



No. 404

404.—Best Ebony Cutting Gauge, Brass Plated ... ... 3/- ea.
405.—Do. do. do. Oval Head, Brass faced ... 3/6 ,,

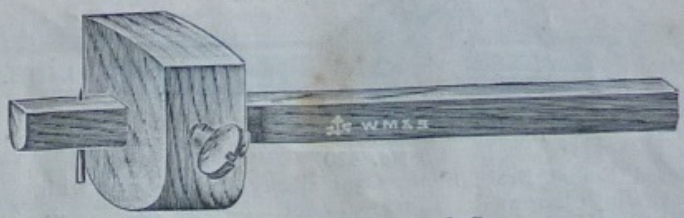
GAUGES (MARKING).



No. 406

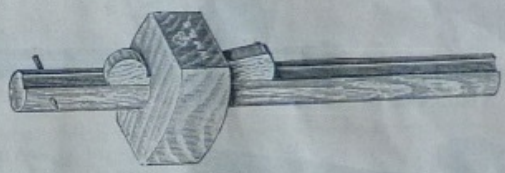
406.—Unpolished Beech, Rule Marked Stem ... ... 3d. ea., 3 for 8d.

GAUGES—continued.



No. 407

407.—Polished Beech Marking Gauge, Boxwood Screw ... ... 5½d. ea.
408.—Polished Beech Marking Gauge, Brass plated Head ... ... 9d. ea.
409.—Polished Beech Marking Gauge, with centre point and pencil will mark circles up to 12″ in diameter ... ... 10d. ea.

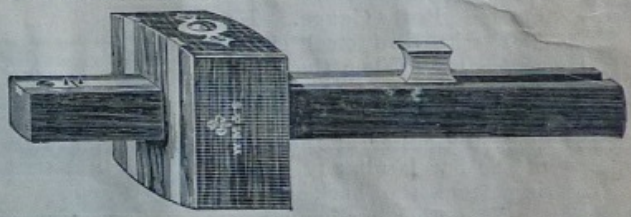


No. 410

410.—Patent Beech Gauge, with Wedge ... ... 6½d ea.
411.—Do. do. do. Plated ... ... 9d ea.
412.—Best Hardwood Marking Gauge ... ... 1/3 ea.

GAUGES (MORTICE).

413.—Best Rosewood Mortice Gauge, Brass slide ... 1/9 ea.
414.—Do. Plated Head 2/- ea.



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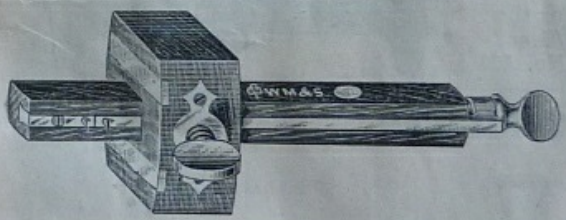
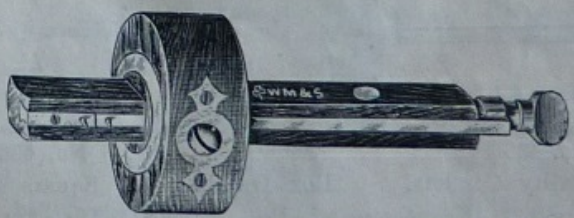


415.—Best Rosewood, with Thumb screw Slide— 2/9 ea.
416.—Do. Plated Head— 3/3 ea.

No. 416



No. 418

417.—Best Rosewood, Ring Plated Head, Improved Flush Turnscrew End ... ... 3/6 ea.
418.—Do. ditto ditto with Thumbscrew End ... 3/6 ea.
419.—Best Ebony, Head Brass faced, Improved Flush Turnscrew End 4/6 ea.

CARRIAGE PAID ON ORDERS OVER 20/-.

GAUGES—continued.

SPECIAL LINE.

No. 420

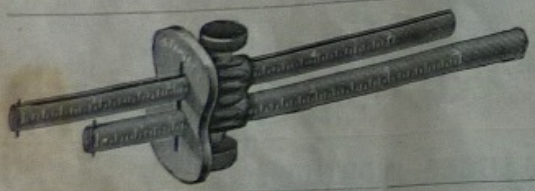
420.—Registered Round Brass Stem, Oval Ebony Head, faced with Brass, Flush Screws ... ... 4/- ea.

421.—Best Mortice Gauge, Improved Plated Stem, Oval Ebony Head faced with Brass, made with either 2 or 3 pins ... ... 5/9 ea.

AMERICAN GAUGES.

422.—American Marking Gauge, Rule-marked Stem, Nickel-plated 1/4 ea.

No. 422

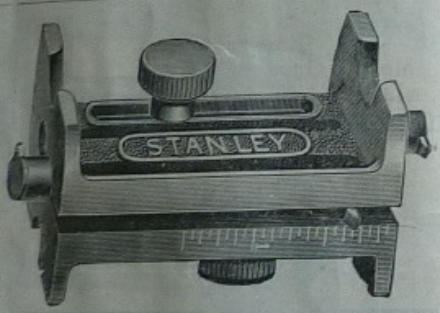


423.—American Combination Marking and Mortice Gauge, Nickel-plated, Rule-marked Stems— 2/6 ea.

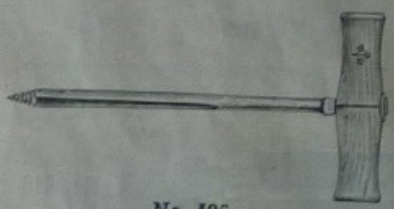
No. 423.

424.—Improved Butt Gauge. Has one bar with two steel cutters fixed upon it. When the cutter at the outer end of this bar is set for gauging on the edge of the door, the cutter at the inner end of the bar is already set for gauging from the back of the jamb. The other bar has a steel cutter to accurately gauge for the thickness of the butt ... 2/6 ea.

No. 424



GIMLETS.



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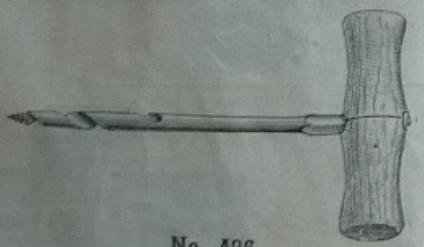
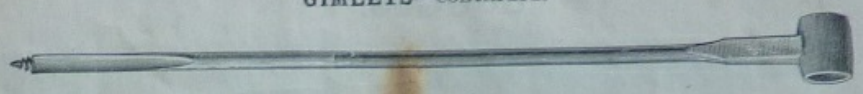


No. 426

Best Quality Gimlets.	Box Handles.	Square Shoulders.
425.—Shell	... all sizes, 2½d. ea.	2/2 doz.
426.—Twist	all sizes, 2½d. and 3d. each	2/4 doz.
427.—Twist, Patent Screw Nose ...	... ...	4d. ea.

	¼	5/16	⅜	7/16	
428.—Best Shell Spike Gimlets	3½d	4½d	5½	7d	ea.
429.—Best Twist Auger Gimlets	6d	7d	8d	9d	,,

GIMLETS—continued.

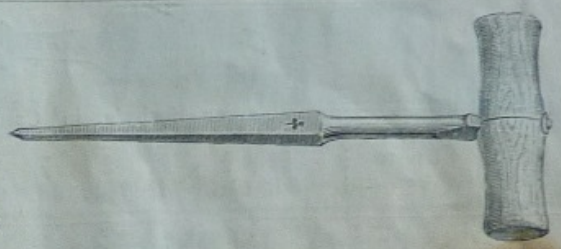


No. 430

	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{1}{2}$	in.
430.—Best Eyed Ship Gimlets ...	11d	11½d	11½d	1/-	1/-	ea.
			18	24	30 in. x ¼	
431.—Best Bellhangers' Gimlets ...	...	...	10d.	1/2	1/6 ea.	

Cabinet Makers' Gimlets, 12″ long. 432.—Shell. 433.—Twist, **9d** ea.
Brewers' Gimlets, Box Handle. 434.—Shell. 435.—Twist, **6d.** ea.

436.—Box Handled Square Rimers ... **8d.** ea.



No. 436

GLASS PAPER.

437.—Best Quality Oakey's Glass Paper, 2 sheets **1d**; **8d.** per quire; **12/-** per ream.

GLUE POTS.

No. 438

438.—Best Quality Cast Iron Glue Pots, with Tinned inside lining—

Size	7.0	6.0	5.0	4.0	3.0	2.0	0
To hold	$\frac{3}{16}$	¼	$\frac{5}{16}$	⅜	½	¾	1 pints
Price	**10d.**	1/-	1/1	1/2	1/4	1/6	1/8 each

Size	1	2	3	4	5	6
To hold	1¼	1½	2	2½	3	3½ pints
Price	1/11	2/2	2/9	3/3	3/9	4/6 each

439.—Best Cast Iron Glue Pots with Copper linings. Recommended as being clean, light, and quickly heated over Gas or Spirit Stove—

Size	6.0	5.0	4.0	3.0	2.0	0	1	2	3	4	5	6
Price	2/-	2/3	2/6	2/9	3/-	3/3	3/9	4/6	5/3	6/-	7/3	8/- each

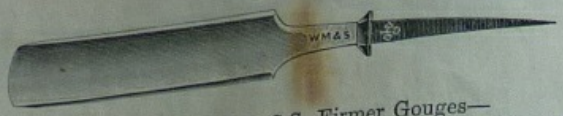
GLUE.

440.—French Prize Medal Glue. This glue is light in colour and is recommended for Carpenters, Joiners, Cabinet Makers, etc., and all who require a thoroughly reliable glue **6d** lb.; 7lbs. **3/-**; **43/-** per cwt.

441.—Best Russian Glue, darker in colour **5d** lb.; 7lbs. **2/6**; **37/-** per cwt.

CARRIAGE PAID ON ORDERS OVER 20/-.

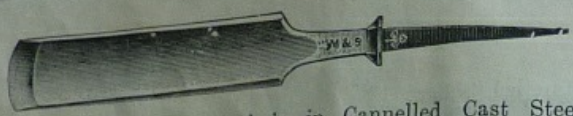
GOUGES.



No. 442

442.—Ibbotson's, Howarth's, or Sorby's C.S. Firmer Gouges—

	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{3}{8}$	$1\frac{1}{2}$ in.
	$4\frac{1}{2}$d.	5d.	6d.	$6\frac{1}{2}$d.	7d.	$7\frac{1}{2}$d.	8d.	9d.	10d.	11d.	1/1 ea.



No. 443

443.—Ibbotson's, Howarth's, or Sorby's, in Cannelled Cast Steel Scribing Gouges—

Up to	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{3}{8}$	$1\frac{1}{2}$ in.
	$5\frac{1}{2}$d.	6d.	$6\frac{1}{2}$d.	7d.	$7\frac{1}{2}$d.	8d.	9d.	10d.	11d.	1/1	1/2 ea.

No. 444

444.—Ibbotson's Best Cast Steel Coachmakers' Gouges—

Up to	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{3}{8}$	$1\frac{1}{2}$ in.
	9d.	$9\frac{1}{2}$d.	10d.	11d.	1/-	1/1	1/2	1/5	1/7	1/8	1/10 ea.

No. 445

445.—Best Cast Steel Socket Gouges, Cannel outside—

Up to	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{3}{8}$	$1\frac{1}{2}$ in.
	11d.	11d.	11d.	1/1	1/2	1/3	1/4	1/6	1/7	1/8	1/10 ea.

446.—Best Cast Steel Socket Gouges, Cannel inside—

Up to	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{3}{8}$	$1\frac{1}{2}$ in.
	1/1	1/2	1/3	1/3	1/4	1/5	1/6	1/8	1/9	1/10	2/- ea.

No. 447

447.—Ibbotson's, Howarth's, or Sorby's Long Thin Paring Gouges—

Up to	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{3}{8}$	$1\frac{1}{2}$ in
	11d.	11d.	1/-	1/1	1/2	1/3	1/4	1/6	1/9	1/11	2/2 ea.

These Gouges can be supplied in any radius required.

GOUGES—continued.

No. 448

448.—Best Cast Steel Turning Gouges—

Up to	¼	⅜	½	⅝	¾	⅞	1	1⅛	1¼	1⅜	1½	in.
	7d.	**8d.**	**8½d.**	**9½d.**	**10d.**	**11½d.**	**1/1**	**1/2**	**1/4**	**1/6**	**1/10**	ea.

449.—Best Cast Steel Turning Gouges, Long and Strong—

Up to	¼	⅜	½	⅝	¾	⅞	1	1⅛	1¼	1⅜	1½	in.
	1/-	**1/1**	**1/3**	**1/5**	**1/6**	**1/9**	**1/10**	**2/1**	**2/4**	**2/8**	**2/10**	ea.

No. 450

450.—Best Cast Steel Wheelers' Bruzze ... ⅜" **3/-** ½" **3/3** ⅝" **3/6**

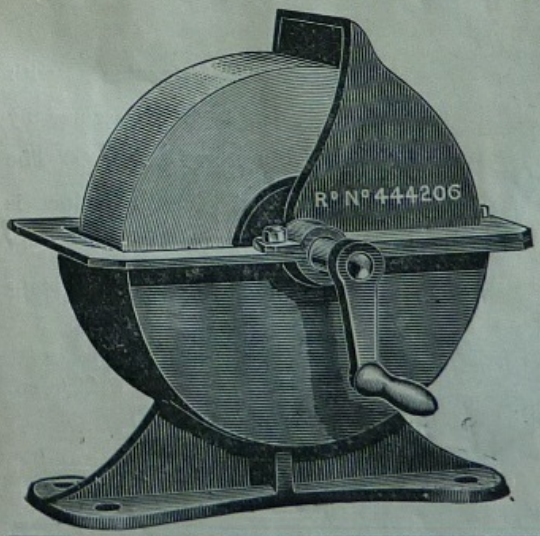
GRE—SOLVENT.

451.—The Perfect Hand Cleaner for Painters, Plumbers, Metal Workers, etc. Antiseptic, and contains no acids. Leaves the hands soft and smooth. In tins containing—

8oz., **3d.**; 1lb., **6d.**; 3lbs., **1/3**
6lbs., **2/6**; 12lbs., **5/-**; per tin.

No 451

GRINDSTONES.



452.—Best Grindstones, mounted in iron troughs, painted green, fitted with Cast-iron Spindles, and Stones securely fitted by an improved method—

Size of Stone—

Without Hood—

6" x 2"	8" x 2"
4/-	**5/6**
10" x 2"	12" x 2½"
7/6	**9/6** each.

With Hood—

6" x 2"	8" x 2"
4/9	**6/6**
10" x 2"	12" x 2½"
8/6	**10/6** each.

No. 452

CARRIAGE PAID ON ORDERS OVER 20/-.

GRINDSTONES—continued.

453.—Best Grindstones, mounted in iron troughs, painted two coats Blue Enamel, fitted with strong turned Wrought-iron Spindles, and the Stones secured with side plates and lock nuts, which makes the refitting of new Stones an easy matter, when necessary.

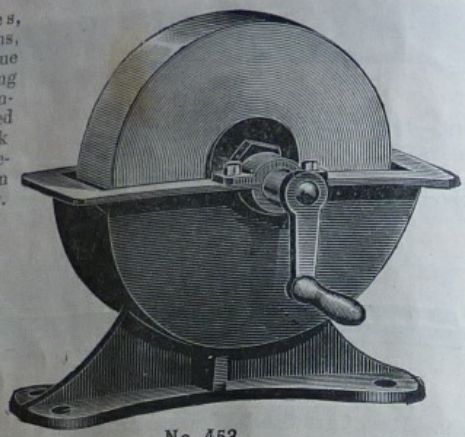
Size of Stone—

Without Hood—

6" x 1½"	8" x 1½"
5/9	**7/9**
10" x 2"	12" x 2"
9/6	**12/-** each.

With Hood—

6" x 1½"	8" x 1½"
7/-	**9/6**
10" x 2"	12" x 2"
11/6	**14/-** each.



No. 453

453A—Best Yorkshire Grindstones (unmounted).

6	7	8	10	12 inches
1/2	**1/5**	**1/8**	**2/4**	**2/7** each
14	16	18	20	22 inches
3/1	**3/8**	**4/3**	**4/9**	**5/3** each
24	26	28	30	36 inches
6/-	**7/6**	**9/6**	**12/6**	**18/-** each

No. 454

454.—Treadle Grindstones, with best quality Stone secured by side plates and lock nuts. The frame of this machine is Black Japanned. Size of Stone, 14in. by 1¾in. Weight complete, 58lbs.

20/- ea.

GRINDSTONES—continued.

455.—Best quality Blue Grit Mounted Grindstones. Frames painted blue, with treadle and handle. Stone fixed with side plates and lock nuts.

18 by 3in.	...	**32/6** ea.
20 by 3in.	...	**37/6** ,,
22 by 3½in.	...	**40/-** ,,
24 by 3½in.	...	**47/6** ,,

No. 455

456.—Union Emery Grinder (Foot Power). Just like a Power Machine. For grinding drills, castings, machine parts, knives, scissors, and all kinds of tools. It is just the thing for bicycle repairs, Carpenters, Butchers, Harness makers, Wagon makers, Farmers, etc. Grinds twice as fast as any grindstone. This machine when set up stands 4ft. high; the upright or standard is made of ¾in. tubing, and is very solid and strong. The emery wheel is of the highest grade, and is 6 inches in diameter by ¾in. face. It is supplied with a suitable and substantial rest. It has no belt to slip, loosen or break; neither has it lead gear teeth to wear out and bind. The movement of the foot operates a ball ratchet, which sends the emery wheel spinning easily at 3,000 revolutions per minute. The machine screws to the floor and wall, and is quickly and easily set up. Price—

Single wheel, **21/-**; Double (fine and coarse), **28/6**

F.O.R.

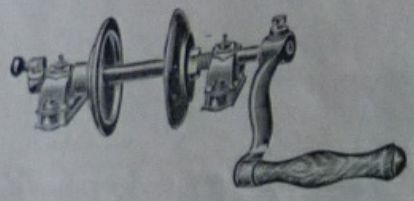
No. 456

Illustrations of Grindstones for Power on application.

Special Quotations for Larger Sizes.

All Grindstones are consigned Carriage Forward at Owner's Risk.

GRINDSTONES—continued.



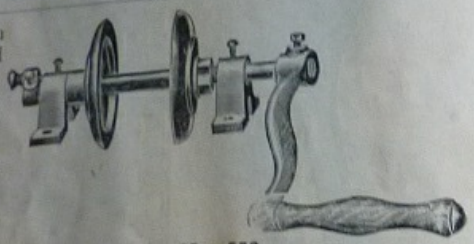
No. 457

457.—Best Wrought Iron Grindstone Spindles, with wrought side plates, lock nuts, bearings and handle with wood grip.

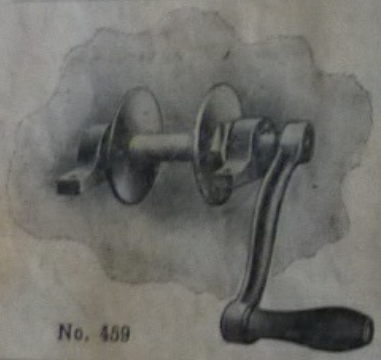
Overall Length of Spindle.	To suit Stones	Price per set
5¾″ ...	6 or 8 x 1½″ ...	3/-
6¼″ ...	12 x 2″ ...	4/-
7½″ ...	16 x 3″ ...	5/-
8½″ ...	20 x 3″ ...	6/-

458.—Strong Pattern ditto, with Cast Iron Side Plates and Ordinary Plain Bearings.

Overall Length of Spindle.	To suit Stones	Price per set
Size No. 0—		
18¼″ ...	16 to 20 x 3″ ...	12/6
Size No. 1—		
18¼ ...	20 to 24 x 3¼″ ...	14/-



No. 458

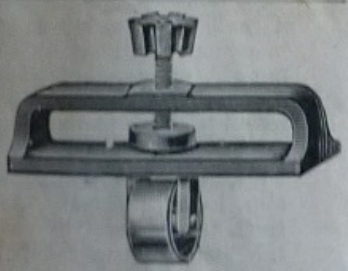


No. 459

459.—Strong Pattern ditto, with Cast Iron Plates and Improved Roller Bearings.

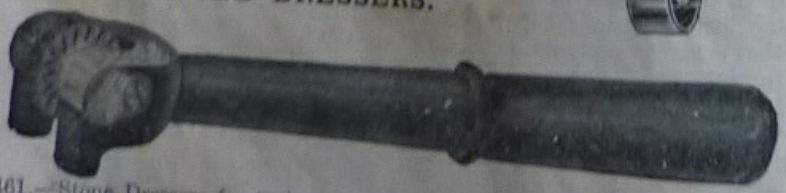
Overall Length of Spindle.	To suit Stones	Price per set
Size No. 0—		
16¼″ ...	16 to 20 x 3″ ...	15/-
Size No. 1—		
16¼″ ...	24 x 3½″ ...	16/-
Size No. 2—		
20¼″ ...	30 x 4″ ...	25/-
Size No. 3—		
22″ ...	36 x 5″ ...	30/-

460.—Tool Grinding Rest, best Malleable Iron with Wrought Iron Screw. To take 2½ by ½in. ... ... 1/2 ea.



No. 460

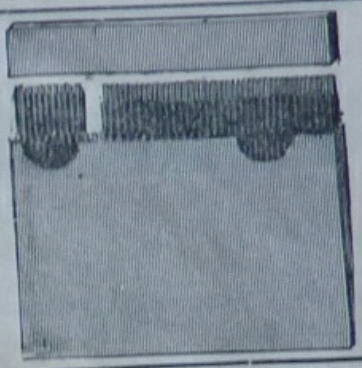
GRINDSTONE DRESSERS.



No. 461

461.—Stone Dressers for truing Grindstones and Emery Wheels when running at full speed ... ... 2/9 ea.
462.—Extra Grooving Cutter ... ... 8d. ,,
463.—Facing Cutter ... ... 8d. ,,

GRAINING COMBS.

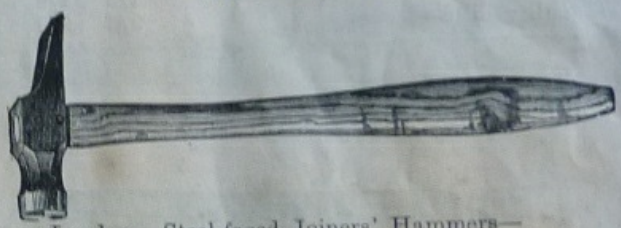


No. 464

464.—Set of 12 Combs in tin case **2/6** set

465.—Separate Combs ... **1d.** per inch

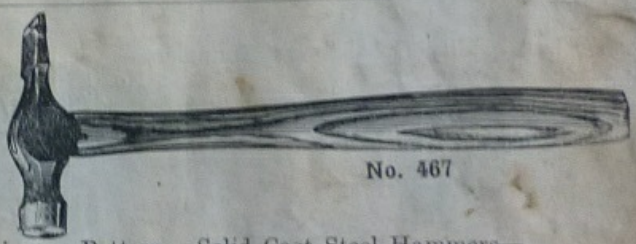
HAMMERS.



No. 466

466.—Exeter or London. Steel-faced Joiners' Hammers—

Size 00	0	1	2	3	4	5	6	7	8	9	10
8d.	**8d.**	**8d.**	**9d.**	**11d.**	**1/1**	**1/3**	**1/5**	**1/7**	**1/9**	**1/11**	**2/2** ea.



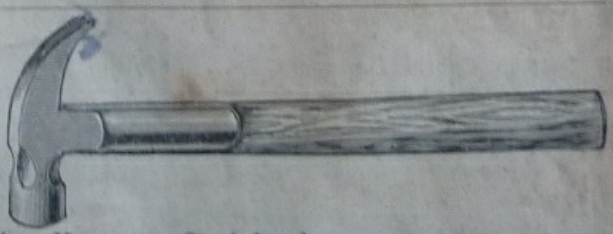
No. 467

467.—Warrington Pattern. Solid Cast Steel Hammers—

Size 00	0	1	2	3	4	5	6	7	8	9	10
10d.	**10d.**	**11d.**	**1/-**	**1/1**	**1/2**	**1/3**	**1/5**	**1/7**	**1/9**	**2/2**	**2/4** ea.

468.—Ibbotson's Hand Forged Steel, Warrington Pattern—

Size 00	0	1	2	3	4	5	6	7	8	9	10
1/2	**1/2**	**1/2**	**1/4**	**1/5**	**1/7**	**1/9**	**2/2**	**2/4**	**2/8**	**3/-**	**3/4** ea.



No. 470

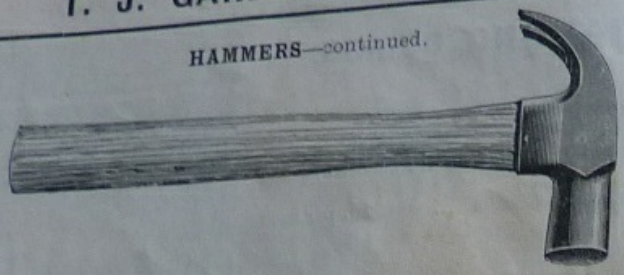
469.—Kent Claw Hammers, Steel faced—

Size 1	2	3	4	5	6
10d.	**1/-**	**1/2**	**1/4**	**1/6**	**1/9** ea.

470.—Canterbury Claw Hammers, Solid Steel forged—

Size 1	2	3	4	5	6	7	8
1/2	**1/4**	**1/6**	**1/8**	**1/10**	**2/2**	**2/6**	**2/9** ea.

HAMMERS—continued.



No. 471

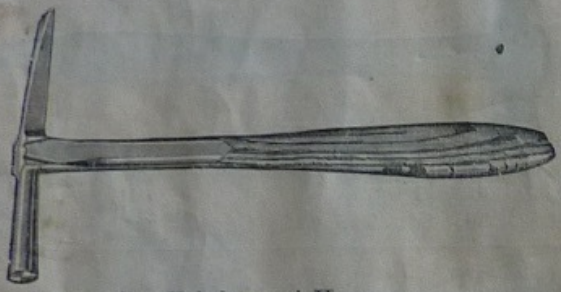
471.—The "Cheney" Claw Hammer, Best Cast Steel—

No 2	3	4	5
2/6	2/9	3/-	3/3 ea.

472.—The One Thousand Claw Hammer, Canadian make—

No. 1	2	3	4
1/6	1/9	2/-	2/3 ea.
2/3	2/6	2/9	3/- ,,

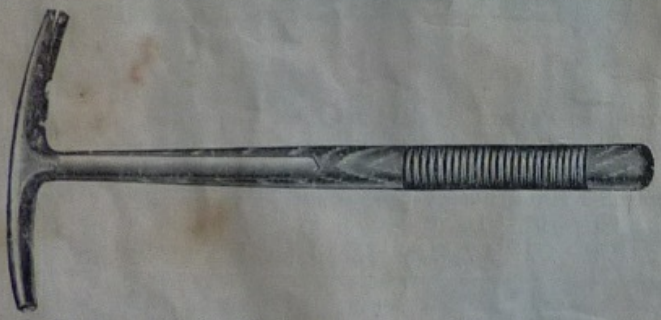
473.—Better quality ditto—



No. 474

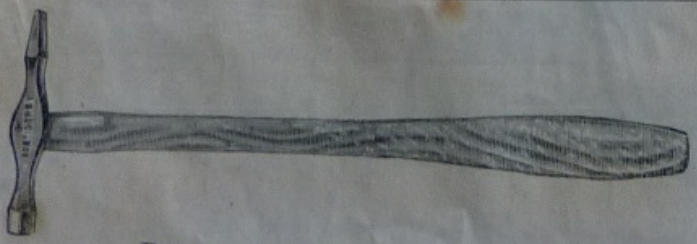
474.—Ibbotson's best quality Upholsterers' Hammers—

No. 1	2	3
1/8	1/10	2/- ea.



No. 475

475.—French Pattern Cabrio Hammers ... 2/9 3/- 4/- 4/6 ea.



No. 477

Patternmakers' Cast Steel Hammers.

476.—Ball Pane. 477.—Cross Pane ... ... 1/- ea.

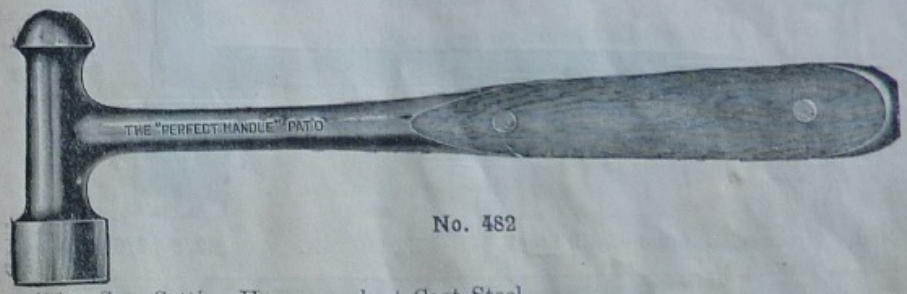
HAMMERS—continued.

No. 478.

No. 479.

No. 480

478.—Engineers' best quality	Ball Pane Hammers	...	...	...	9d. lb.
479.—Do. do.	Cross Pane ...	...	...	...	9d. ,,
480.—Do. do.	Reverse Pane ...	...	...	...	9d. ,,



No. 482

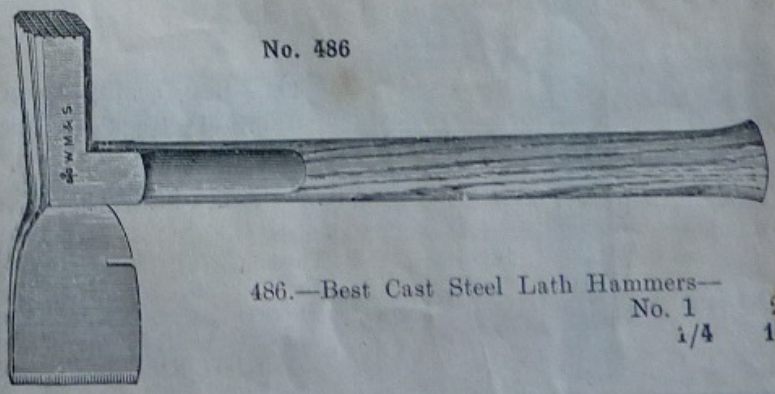
481.—Saw Setting Hammers, best Cast Steel—

	No. 1	2	3	
	1/6	1/9	2/-	ea.
482.—" Perfect Handle " Hammer, Solid Drop Forging ...		...	3/-	ea.

No. 483

No. 485

483.—Best Cast Steel Framing Hammers, $2\frac{1}{2}$. 3, $3\frac{1}{2}$, 4 lb.			...	10d. lb.
484.—Best Cast Iron ditto, about 4lb. ...	...	...	...	10d. ea.
485.—Best Cast Steel Veneering Hammers	...	1/6	1/8	1/10 ,,



No. 486

486.—Best Cast Steel Lath Hammers—

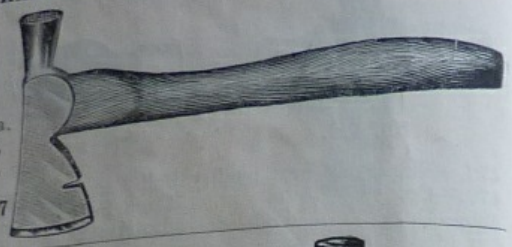
No. 1	2	3	
1/4	1/6	1/8	ea.

CARRIAGE PAID ON ORDERS OVER 20/-.

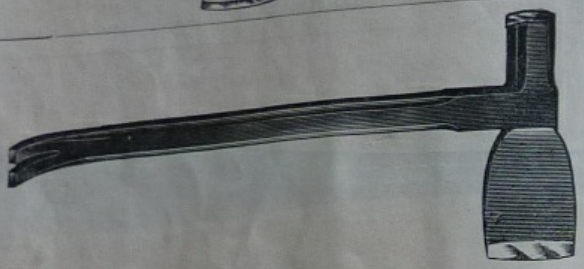
HAMMERS—continued.

487.—American Pattern Lath Hammers—

No. 1	1/4 ea.
No. 2	1/6 ,,
No. 3	1/9 ,,



No. 487



No. 488

488.—Grocers' Hammers, all Steel ... ...2/6 2/9 3/- ea.

No. 489—Walling

No. 490—Lump

Best quality Masons' Hammers, any pattern, from 2 to 5lbs. ... ... 8d. lb.

491.—Stone Breakers' Hammers from 1 to 3lb.—9d. lb.

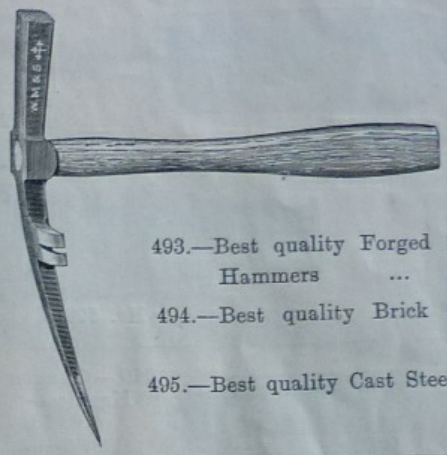
No. 491—Stone Breakers

No. 492

492.—Best quality Forged Steel Handled Brick Hammers—

1/10 2/2 ea.

HAMMERS—continued.

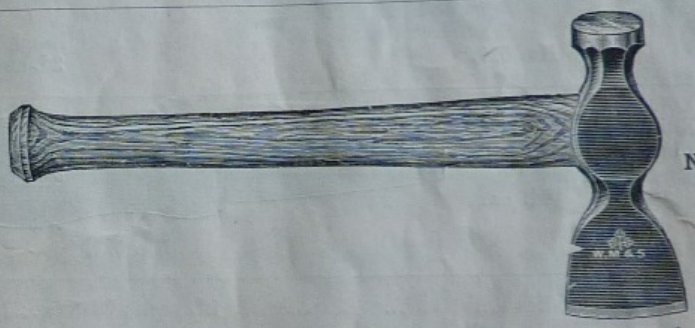


No. 493

493.—Best quality Forged Steel Handled Slaters' Hammers ... ... 2/6 3/- ea.

494.—Best quality Brick Cleaning Axes— 10d. lb.

495.—Best quality Cast Steel Mill Picks— 1/3 lb.



No. 496

496.—Scaffolding Hammers, 2lb. with handle ... ... 3/- ea.
497.—Sledge Hammers, Best Cast Steel, any shape in stock ... 5d. lb.
Weights stocked—6, 8, 10, 12 and 14lb.
498.—Tack Hammers ... ... 3d. 4½d. 6d. ea.
For Ship Pin Mauls, see No. 241.
For Hammer Handles, see No. 543.

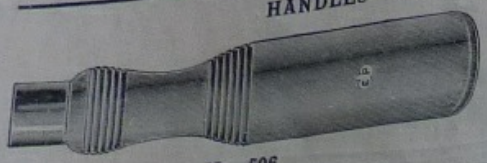
HANDLES.

No. 499

499.—Adjustable Auger Handles, will fit any size tanged Auger— 12in., 1/9; 14in., 2/- ea.
500.—Do. do. with two Thumbscrews, stronger make ... 3/- ,,
501.—Adze Handles, best Hickory, straight ... ... 9d. ,,
502.—Do. do. do. bent ... ... 1/- ,,
503.—Axe Handles, best Hickory ... ... 3d. 4d. 5d. and 6d. ,,
504.—Do. Felling do. ... ... 10d. 1/- ,,
505.—Bill Hook Handles ... ... 3d. 4d.

CARRIAGE PAID ON ORDERS OVER 20/-.

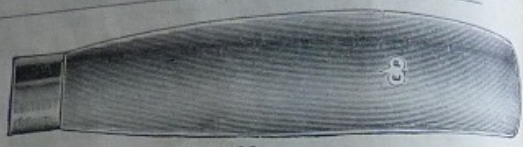
HANDLES—continued.



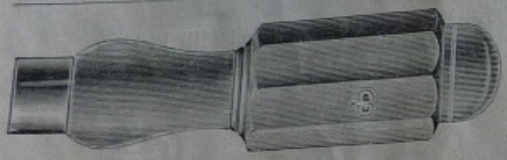
No. 506

506.—Round Polished Ash Chisel Handles—
1½d. ea.; **1/6** doz.
507.—Do. Box Chisel Handles—
2½d. ea.; **2/6** doz.
Large sizes, **3d.** and **3½d.** ea.

508.—Carvers' Pattern Ash or Beech—
1½d. ea.; **1/6** doz.
509.—Do. Box—
2½d. ea.; **2/6** doz.
Large sizes, **3d.** and **3½d.** ea.



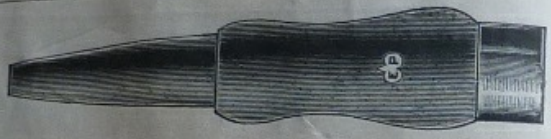
No. 508



No. 510.

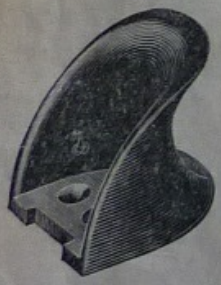
510.—Octagon Box Chisel Handles—
4d. each; **3/9** doz.
511.—Lignum Vitæ Socket Chisel Handles **6d** ea.
512.—Ash or Beech do.
2d. and **3d.** ea.

513.—Shipwrights' Chisel Handles, Ferrules both ends, best polished Ash
4d. ea.



No. 511.

514.—Ash File Handles ... ... **1d.** each; **9d.** doz.; **7/6** gross

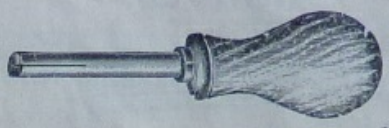


No. 521.

515.—Well's Patent Unbreakable File Handles—
2d. ea.
516.—Trowel Handles, best Ash ... **3d.** ,,
517.—Ash Bradawl Handles **1d.** each; **11d.** doz.
518.—Box do. do. **1½d.** each; **1/3** doz.
519.—Jack Plane Handles ... ... **4d.** ea.
520.—Try do. do. ... ... **5d.** ,,
521.—Cast Iron Heels to fix on Smooth Planes; protects the hands from back of the iron and acts as a Smooth Plane Handle ... **6d.** ea.

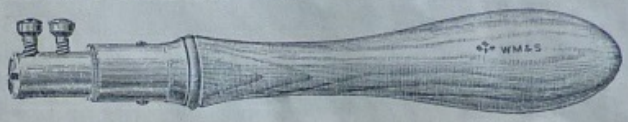
522.—Handles for American Iron Planes, best Rosewood—No. 4 Plane **9d.** each; Nos. 4½, 5 and 6 Planes ... ... **10d.** ea.
523.—Turned Rosewood Knobs for Stanley Planes ... ... **6d.** ,,
524.—Screws for fixing above ... ... **4d.** ,,
525.—Saw Handles, best Beech, polished edges to fit dovetail or Tenon Saws ... **7d.** ,,
526.—Do. do. for Panel Saws ... ... **8d.** ,,
527.—Do. do. for Hand Saws ... ... **10d.** ,,
528.—Do. do. for No. 7 Disston's Hand Saws ... **1/-** ,,
529.—Do. do. for No. 8D do. do. do. ... **1/6** ,,
530.—Screws to fix handles ... ... **1d., 2d., 3d.,** and **4d.** ,,

HANDLES—continued.



No. 531.

	12	14	16 in.
531.—Round Beech Bow Saw Handles	1/1	1/1	1/2 pr.
532.—Do. Box do. do.	1/4	1/5	1/6 ,,
533.—Do. Ebony do. do.	1/7	1/8	1/9 ,,
534.—Octagon Box do. do.	1/7	1/8	1/9 ,,

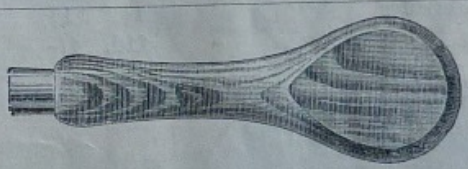


No. 535

535.—Round Beech Pad Saw Handles. Small size ... ... 9d. ea.
536.—Do. Rosewood do. do. ... ... 1/- ,,
537.—Do. Boxwood do. do. ... ... 1/3 ,,
538.—Do. Ebony do. do. ... ... 1/6 ,,
539.—Do. Beech do. Large size ... ... 1/- ,,
540.—Do. Rosewood do. do. ... ... 1/3 ,,
541.—Do. Boxwood do. do. ... ... 1/6 ,,
542.—Do. Ebony do. do. ... ... 1/9 ,,
543.—Hammer Handles, best quality Hickory or Polished Ash—
12″, 2½d.; 14″, 3d.; 16″, 3½d.; 18″ 4d. ea.

	20	22	24	30 in.
544.—Do. do. for Sledge Hammers	4½d.	4½d.	5d.	6d. ea.

545.—Navies' Pick Handles ... ... 8d. each; 6/9 doz.
546.—Beech Turning Chisel Handles ... ... 6d. ea.
547.—Do. Cabinet Mortice, Oval Handles ... ... 4d. ,,
548.—Box Sash Mortice Chisel do. ... ... 6d. ,,



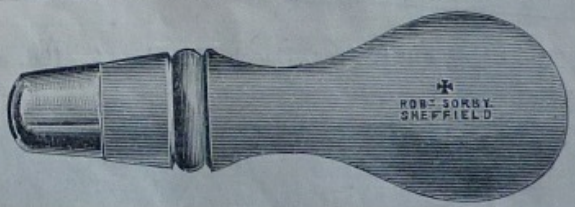
No. 549

549.—London Pattern Beech Turnscrew Handles for

4	5	6	7	8	9	10	12 in.
3½d.	4d.	4½d.	5d.	5½d.	6½d.	7½d.	9d. ea.

550.—Best Oval Boxwood for Turnscrew No. 1239—

8d.	10d.	11d.	1/1	1/3	1/5	1/7	1/9 ea.

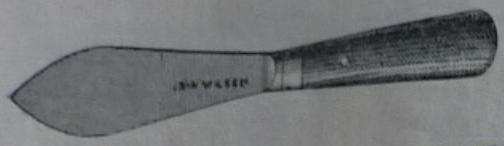


No. 551

551.—Registered Pattern Turned Oval Box Turnscrew Handles

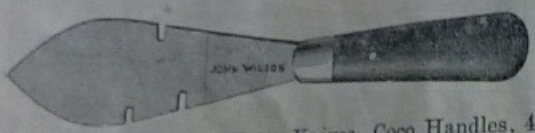
3	4	5	6	7	8 in.
3½d.	4½d.	5½d.	6½d.	8d.	9d. ea.

KNIVES.



No. 552—Spear.

No. 554—Clipped.



No. 556—Notched.

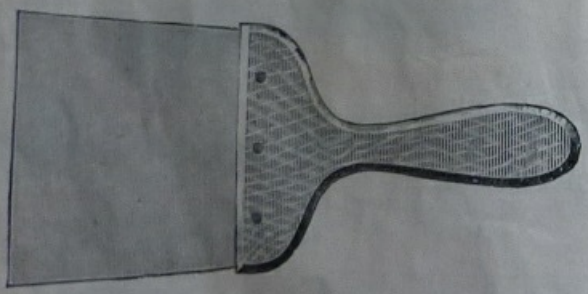
552.—Best quality Stiff Putty Knives, Coco Handles, 4″, **7d.** ea.; 4½″, **8d.** ea.
553.—Do. do. Ebony Handles, Brass Ferrules, 4″, **9d.** ea.; 4½″, **10d.** ea.
554.—Best quality Elastic Putty Knives, Coco Handles, 4″, **7d.** ea.; 4½″, **8d.** ea.
555.—Do. do. Ebony Handle, Brass Ferrules, 4″, **9d.** ea.; 4½″, **10d.** ea.
556.—Best quality Notched Putty Knives, Ebony Handles, Brass Ferrules,— 4″, **9d.** ea.; 4½″, **10d.** ea.

No. 557.

557.—Glaziers' Chisel Knives, best bolstered Blades, Ebony Handles, Brass Ferrules, 1″, **9d.**; 1¼″, **10d.** each.

558.—Painters' Stripping Knives, best bolstered Blades, Ebony Handles, Brass Ferrules

1½	1¾	2	2½	3 in.
11d.	**1/-**	**1/2**	**1/3**	**1/6** ea.



No. 557

559.—Paperhangers' Stripping Knives, Beech Handles, 4″, **10d.** ea.; 4½″, **1/-** ea.

No. 560.

560.—Hacking Knives, Leather Handles ... ... **7d., 8d.,** and **9d.** ea.
561.—Do. do. Large, Extra strong ... ... **1/-** ,, .

KNIVES—continued.

No. 562.

562.—Best Quality Palette Knives, Coco Handles—

6	7	8	9	10	12 in.
1/2	1/4	1/8	2/-	2/4	2/9 ea.

563.—Superior Palette Knives, Bushed Blades, Ebony Handles—

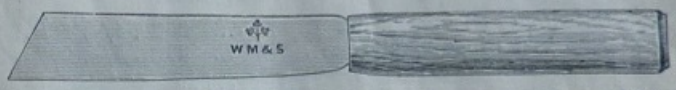
1/3	1/6	1/9	2/-	2/6	3/- ,,

No. 564.

564.—Mount Cutters' Knives, double edge, in Hardwood Handle— 1/8 and 2/- ea.

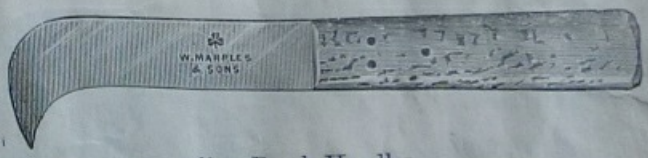
565.—Do. do. Brass Bound ... ... 2/6 ,,

566.—Extra Blades, best quality ... ... 6½d. and 8d. ,,



No. 567.

567.—Shoe Knives, Beech Handles ... ... 5d. and 6d. ea.

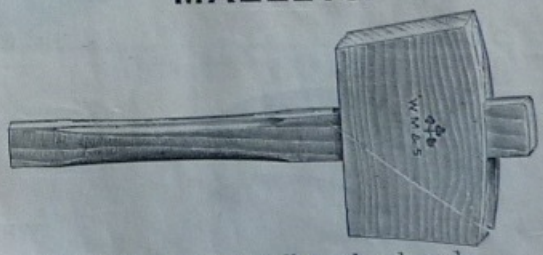


No. 568.

568.—Lino Knives, best quality, Beech Handles— Small, 9d. ea.; Large, 1/2 ea.

MALLETS.

OWN

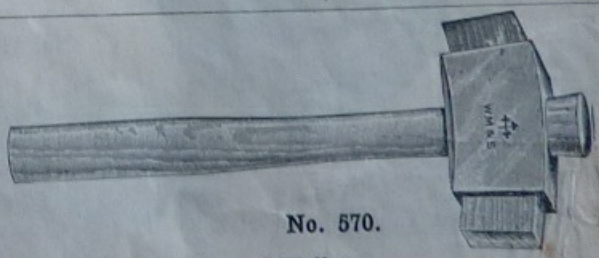


MAKE

No. 569.

569.—Best Beech Morticed Joiners' Mallets; hand made—

5	5½	6	6½	7	8 in.
1/2	1/5	1/8	1/10	2/-	2/2 ea.

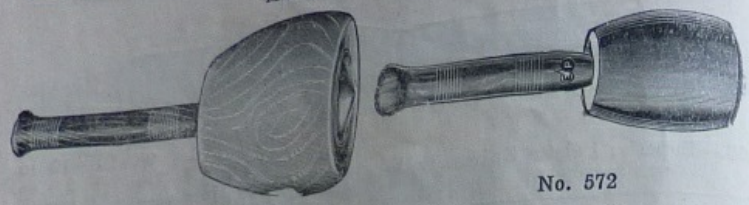


No. 570.

570.—Improved Iron Bound Joiners' Mallets— No. 1, 2/-; No. 2, 2/6; No. 3, 3/-; No. 4, 3/9 ea.

CARRIAGE PAID ON ORDERS OVER 20/-.

MALLETS—continued.



No. 571 No. 572

	6	6½	7	7½	8 in.
571.—Masons' Mallets, best Beech	1/8	1/10	2/-	2/6	2/10 ea.
572.—Masons' Compo Dummys ...	...	...	...	...	1/6 lb.

For Wood Carvers' Mallets, see No. 214.
For Caulking Mallets, see No. 239.

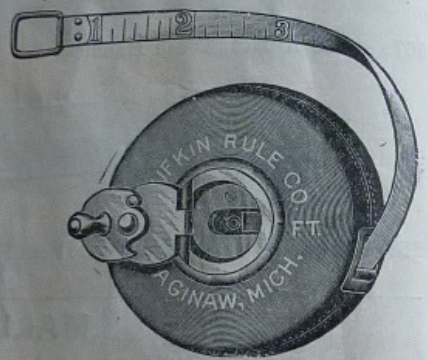
MEASURING TAPES.

573.—Ass Skin Case; cheap Linen Tapes ... 33ft., 1/-; 66ft., 1/4 ea.
574.—Leather Case, good Linen Tape ... ... 33ft., 4/-; 66ft., 5/6 ,,

575.—"Superba" Best Double-warped Linen Tape, with patent Twist Handle.

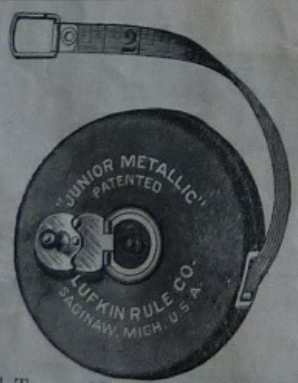
Guaranteed correct.

33ft., 5/6; 50ft., 6/6 ea.
66ft., 7/6; 100ft., 10/6 ,,



No. 575

Guaranteed Correct



Will not Stretch

No. 576.

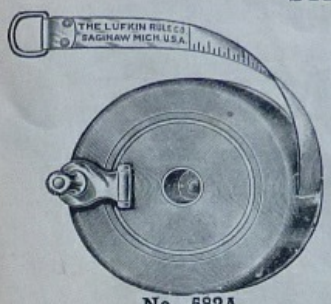
576.—Best Metallic Wired Tapes, ⅝" wide, Flush Handles—

	25	33	50	66	100 ft.
	5/-	5/6	6/6	7/6	10/6 ea.

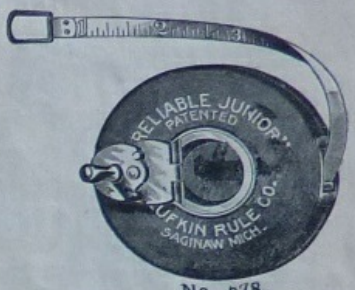
577.—Junior Metallic Wired Tapes, ⅜" wide, Flush Handles, marked links on back

	25	33	50	66 ft.
	5/6	6/-	6/6	7/- ea.

STEEL TAPES.



No. 582A.



No. 578.

578.—Leather case, neat and compact for pocket, $\frac{1}{4}''$ wide—
25 ft., **10/6**; 33 ft., **12/-**; 50 ft., **14/6**; 66 ft., **18/-** ea.

579.—Do. do. marked Meters on back—
25 ft., **11/-**; 33 ft., **13/-**; 50 ft., **15/6**; 66 ft., **19/-** ,,

580.—Strong Steel Tapes, marked English and Metre, $\frac{3}{8}''$ wide—
33 ft., **15/-** ea.; 66 ft., **25/-** ,,

581.—Do. do. do. $\frac{1}{2}''$ wide 33 ft., **17/6** ea.; 66 ft., **27/6** ,,

582.—The "Rival Junior" Steel Tape, $\frac{1}{4}$ in. wide, in nickel-plated case
25 ft., **7/6**; 30 ft., **8/-**; 50 ft., **8/6** ,,

582A.—The "Artisan" Steel Tape, $\frac{3}{8}$ in. wide, in nickel-plated case,
8 ft., **3/6**; 12 ft., **4/3**; 15 ft., 5/-; 20 ft., **5/9** ,,

POCKET TAPES.

583.—Spring Pocket Tapes, enamelled linen,
N. P. Steel Case—
36", **1/-**; 60", **1/6**; 72", **1/6** ea.

584.—Spring Pocket Tapes, Steel Tape, N.P.
Steel Case—
36", **1/9**; 60", **2/6**; 72", **3/-** ea.

585.—Do. do. marked English and Metre—
36", **2/-**; 60", **3/-**; 72", **3/6** ea.

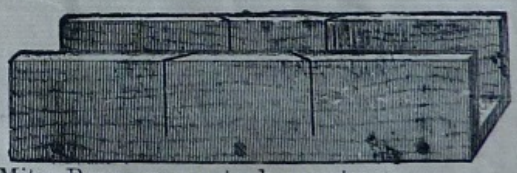
586.—The "Petit" Pocket Steel Tape, $\frac{3}{16}''$ wide, 36",
2/- ea.

No. 583.

587.—Spring Pocket Tape, Steel Tape, Leather Case, 60" ... ... **5/-** ea.

MITRE BOXES.

OWN

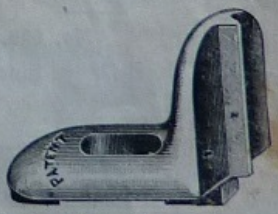


MAKE.

No. 588.

588.—Best Beech Mitre Boxes, guaranteed correct—

To take Mouldings	2½	3	4 in.
	1/3	**1/9**	**2/6** ea.

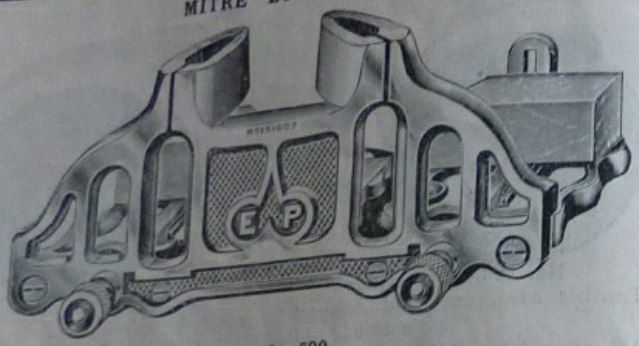


No. 589.

589.—Preston's Patent Beech Mitre Box, with adjustable guides—
3", **2/9**; 4", **3/3** ea.

CARRIAGE PAID ON ORDERS OVER 20/-.

MITRE BOXES—continued.

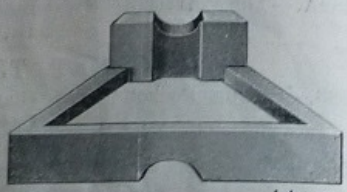


No. 590.

590.—Preston's Registered Pattern Adjustable Iron Mitre Box. Will take mouldings up to 3" wide, and is provided with 2 grips for holding moulding securely whlie sawing ... ... Price 7/6 ea.
591.—Hobbies Mitre Block with Iron Guides ... ... 1/- ea.
592.—Do. do. with centre guide for square cutting ... 2/6 ,,
For Mitre Cramps, see Nos. 313–319.

593.—Best Quality Brass Mitre Templets—

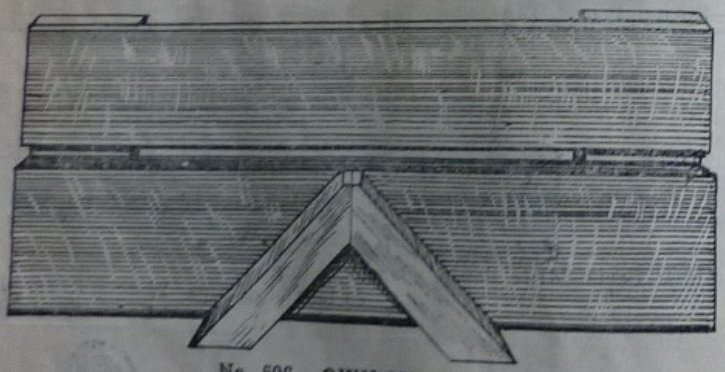
3	4½	6 in.
1/-	1/6	2/- ea.



No. 593.

594.—Iron Mitre Templets ... ... 1/- ea.
595.—Wood do. ... ... 7d. ,,

MITRE SHUTING BOARDS.



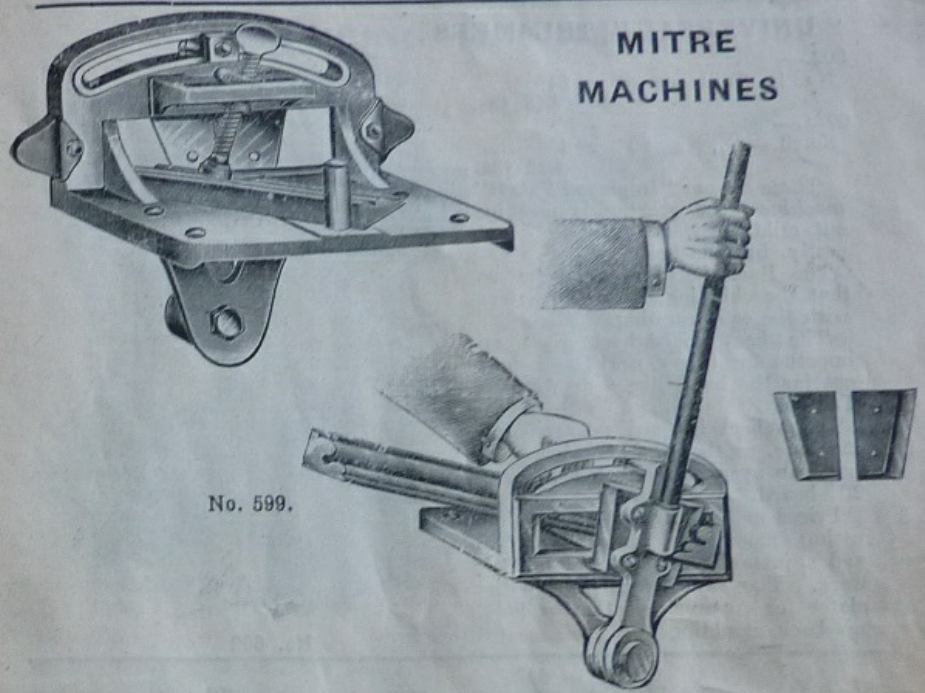
No. 596.—OWN MAKE.

596.—Best Quality Beech Mitre Shuting Boards, warranted accurate—

18	21	24	27	30	36 in.
3/6	4/6	5/6	6/6	7/6	8/6 ea.

597.—Hobbies Metal Mitre Shuting Table, with adjustable angle plate, surface carefully machined, and nickle plated and polished, size 18" x 5" 5/6 ea.
598.—Hobbies Metal Shuting and Bevelling Table, with adjustable Tilting plate, which is regulated by a quadrant; the surface is carefully machined, nickel-plated and polished, 18" long ... ... 5/- ea.

MITRE MACHINES



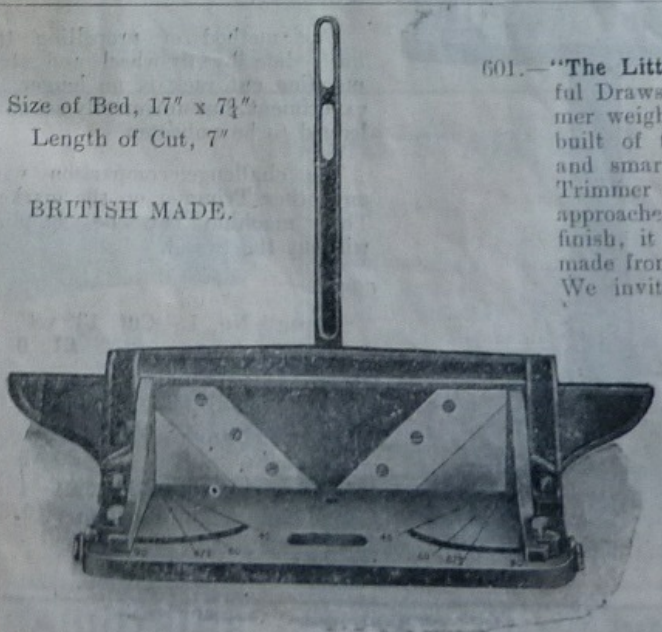
No. 599.

599.—Patent Mitre Cutting Machine, the **"Imperial."** This machine has been designed and patented to supply a long-felt want, namely, a perfectly true and accurate tool which will produce an exact angle or mitre of 45 degrees. The whole of the working parts are machined; the knives are ground up perfectly true after hardening, and made in two halves. All parts are interchangeable, and can be supplied with an assured fit.

599.—Size No. 1, to take in mouldings up to 2⅛″ wide ... Price **12/6** ea.
600.—Size No. 2 do. do. do. 4¼″ wide ... ,, **21/-** ,,

Size of Bed, 17″ x 7¼″
Length of Cut, 7″

BRITISH MADE.



601.—**"The Little Briton,"** a useful Drawstroke Bench Trimmer weighing only 28 lbs., built of the best materials and smartly finished. This Trimmer has never been approached for value and finish, it is entirely British made from British materials. We invite comparison with American Trimmers listed at £6 6s. 0d. Our Price only—

£3 5 0

"UNIVERSAL" TRIMMERS

602.—
No. 1.—Will cut 20″ x 5¼″ ... £13 13s.

602a.—
No. 2.— ,, ,, 20″ x 4″ ... £12 12s.

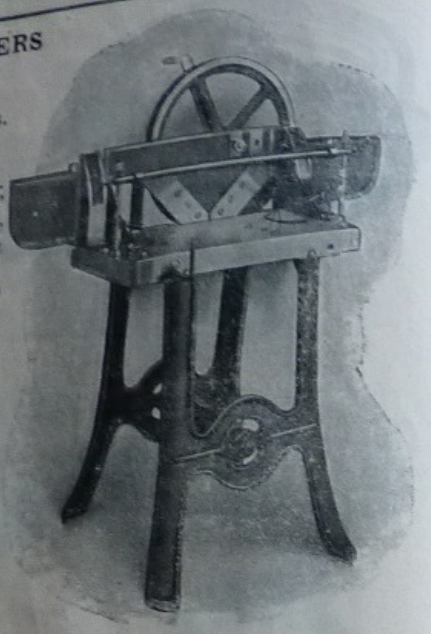
These are our **"Improved Patent"** machines, the gearing is machine cut mild steel, not only the most costly, but the best.

The Rack is screwed on top so that the chippings cannot interfere with the easy running.

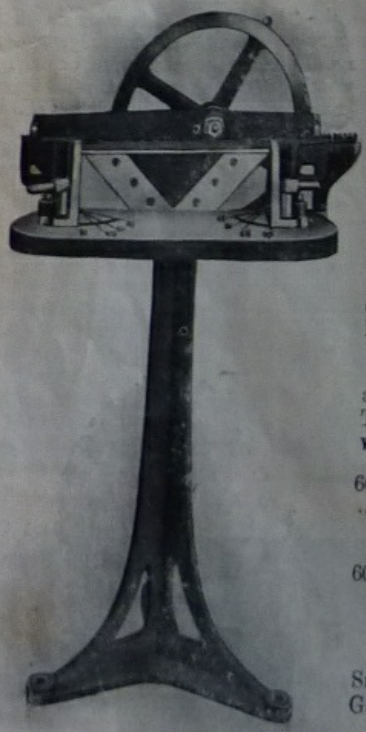
The heavy Flywheel gives an impetus for heavy work, and does not jar the hand like a drawstroke Trimmer.

The Wheel is fixed near end of machine, so that the operator need not lean over, even when cutting a 20″ board.

Prices include Horizontal bar for cutting mouldings at all angles, and adjustable rod for dead length work. The fences are fitted with plates for cutting belection or hollow back mouldings.



No. 602



The "ECLIPSE" TRIMMER.

Owing to the demand for a portable British-made Bench Trimmer of large capacity and low price, we have built the **"Eclipse"** Trimmers.

Our method of propelling the knife-slide by fly-wheel and steel machine cut rack is no longer an experiment, but universally acknowledged to be unbeaten.

We challenge comparison with any other Trimmer on the market. This machine can be supplied **without** the Stand.

603.—
"Eclipse" No. 1.—Cut 13″ x 4″ **£7 0 0**

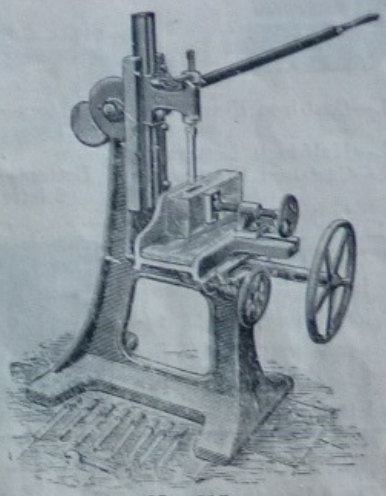
603a.
,, No. 3.— ,, 11″ x 4″
Compound angles 30 to 135 deg. **£9 5 0**

Stand for either machine **£1 1 0**
Gauge bars to No. 3 machine **10/6**

No. 603.

MORTICING MACHINES.

604.—The **"Challenge" Hand Power Morticing Machine** is admirably suited for either hard or soft woods. The main frame is a massive single casting with a heavy base, enabling the machine to stand the greatest strains. The arrangement of the Lever is such that the workman can stand in an easy and natural position, in full view of the work he is doing. The Chisels are made from high-class steel, and have taper shanks and fit in a reversible bush in the chisel box, a small pin on the chisel keeps it at right angles to the fence. For quality and workmanship this machine is unequalled. No. 1, complete with eight chisels, $\frac{1}{4}''$ to $\frac{3}{4}''$, core driver and spanner. Takes timber 16″ x 7″, and will mortice 6″ deep, weight 4cwt. 1qr. ... Price, **£8 8 0**



No. 604.

605.—Do. do. with self-coring chisels ... **£1 0 0** extra

606.—Boring Apparatus for above ... ... **£1 5 0** extra

607.—Venetian Blind Punch and die ... ... **10/-** ,,

608.—The G. D. "Ready" Hand-power Morticing Machine, built on similar lines to the "Challenge," but slightly heavier, also the quadrant motion for operating the tool box in its slide is stronger. Weight 5cwt. 1qr. Complete with eight Chisels, $\frac{1}{4}''$ to $\frac{3}{4}''$, core driver and spanner **£11 0 0**

609.—Do. do. with self-coring Chisels ... ... **£1** extra

610.—Boring Apparatus for "Ready" ... ... **£1 10s.** ,,

611.—Hub Morticing Apparatus for fitting to "Challenge" or "Ready" Morticing Machines, consists of a travelling table provided with special headstocks to hold the hub. Weight 2cwt. ... Price, **£8 0 0**

NAME STAMPS.

No. 612.

Best quality. Sent per post to any address. Post Paid.

612.—$\frac{1}{8}''$ letters ... ... **2½d.** per letter.
$\frac{3}{16}''$ letters ... ... **6d.** per letter.

613.—Initials only—$\frac{1}{8}''$ letters, **4d.** per letter;
$\frac{1}{4}''$ letters, **8d.** per letter

Examples—T. J. GARDNER. T.J.G.

614—Sets of 26 best quality letters—

$\frac{1}{16}$	$\frac{3}{32}$	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{1}{2}$	in.
4/6	**4/6**	**5/6**	**7/6**	**10/-**	**13/6**	**17/6**	**21/-**	set.

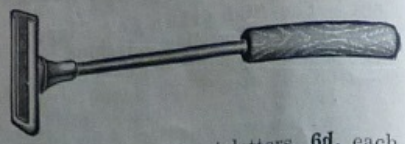
615.—Sets of best quality Figures, 9 in a Set—

$\frac{1}{16}$	$\frac{3}{32}$	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{1}{2}$	in.
1/9	**1/9**	**2/-**	**3/6**	**4/3**	**5/6**	**7/3**	**9/6**	set.

CARRIAGE PAID ON ORDERS OVER 20/-.

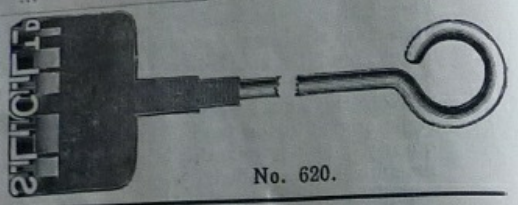
BRANDS.

No. 617



616.—Cast-iron Frames for ½″ Letters—
2 letters, **4d.**; 3 letters, **5d.**; 4 letters, **6d.** each.
617.—Half-inch Letters for above ... ... **2d.** ea. **1/9** doz.
618.—Cast-iron Frames for ⅞″ Letters—
2 letters, **1/-**; 3 letters, **1/6**; 4 letters, **2/-** each
619.—⅞″ letters for above ... ... **3½d.** ea. **3/-** doz.

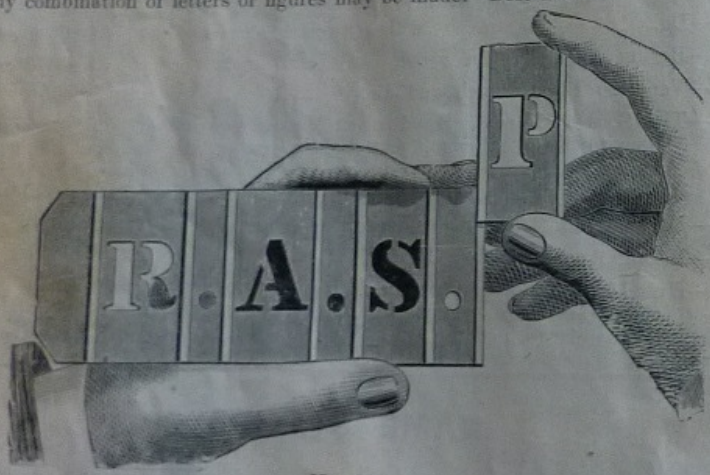
620. — Best Wrought-iron Brands with long handle—½″, **1/-** per letter; ¾″, **1/6** per letter; 1″, **2/-** per letter.



No. 620.

STENCIL PLATES.

The Adjustable Stencil. Made of sheet brass with grooves on edge, so that any combination of letters or figures may be made. Best finish.



No. 621

621.—Contains 55 Pieces, all Letters—

½″	**6/6** complete	1½″	**9/6** complete
¾″	**7/6** ,,	2″	**11/6** ,,
1″	**8/6** ,,	2½″	**15/9** ,,

622.—Contains 70 Pieces, Letters and Figures—

½″	**7/6** complete	1½″	**10/6** complete
¾″	**8/6** ,,	2″	**12/6** ,,
1″	**9/6** ,,	2½″	**19/6** ,,

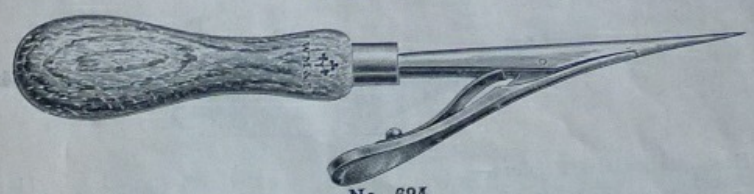
623.—Contains 90 Pieces, Letters and Figures—

½″	**9/6** complete	1½″	**12/6** complete
¾″	**10/6** ,,	2″	**15/6** ,,
1″	**11/6** ,,	2½″	**23/6** ,,

ALL KINDS OF STENCILS, BRANDS, AND DIES MADE TO ORDER.
PRICES ON APPLICATION.

623a.—Best quality Stencil Brushes ... ... **6d., 9d., 1/-** ea.

NEEDLES.



No. 624

624.—Brown's Patent Rug Needles ... ... 6½d., 9d. ea.
625.—Packing Needles ... ... 1d., 2d., 3d. ea.
626.—Sail Needles ... ... 9d. per doz.

Upholsterers' Needles, best quality—

	6″	7″	8″	9″	10″	12″	
627.—Straight	3d.	3½d.	4d.	4½d.	5d.	6d.	ea.
628.—Bayonet	4d.	4½d.	5d.	5½d.	6d.	7d.	,,
629.—Regulators	4d.	4d.	5d.	6d.	6½d.	7d.	,,
630.—Mattress	—	—	3½d.	4½d.	5d.	—	,,

631.—Circular Needles ... ... 3″, 4d.; 4″, 4½d.; 5″, 5d. ea.
632.—Upholsterers' Skewers ... ... 3d. doz.
633.—Best quality Sailors' Palms ... ... 1/-, 1/6, 2/6 ea.

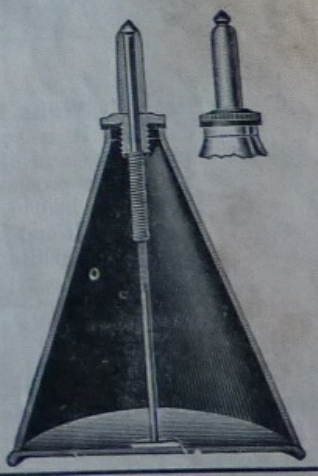
634.—**GARDNER'S UNIVERSAL OIL.** The finest Oil for Oilstones, Razor Hones, etc. Will not glaze or clog. For Lubricating it has no equal **6d.** per half-pint tin.

OIL CANS.

No. 638

635.—Tin bottom ... ... 3½d. ea.
636.—Brass do. ... ... 4½d. ,,
637.—Do. do. large size ... 5½d. ,,
638.—Brass bottom, wide mouth ... 6½d. ,,
639.—All Brass Oilcan ... ... 8d. ,,

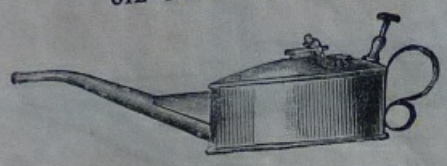
640.—Patent Leak-proof Oilcans. Brass bottom, spring top. No more spoilt baskets; no more waste. Impossible for the oil to run out **6½d.** ea.



No. 640

CARRIAGE PAID ON ORDERS OVER 20/-.

OIL CANS—continued.



No. 642

		¼	½	¾	1	1½ pt.
Best quality Oil Feeders—		10d.	11d.	1/1	1/4	1/9 ea.
641.—Tin, with spring feed	...	1/-	1/3	1/5	1/10	2/5 ,,
642.—Copper spout do.	...	—	3/6	4/3	—	— ,,
643.—All Copper ...	...					
		¼	½	¾	1	1½ pt.
Kaye's Celebrated Make—		1/3	1/6	1/9	2/3	2/9 ea.
644.—Seamless Bottom	...	2/-	2/3	3/-	3/9	— ,,
645.—Do. detachable spout	...	—	5/6	6/6	7/6	— ,,
646.—Do. All Copper ...	...					

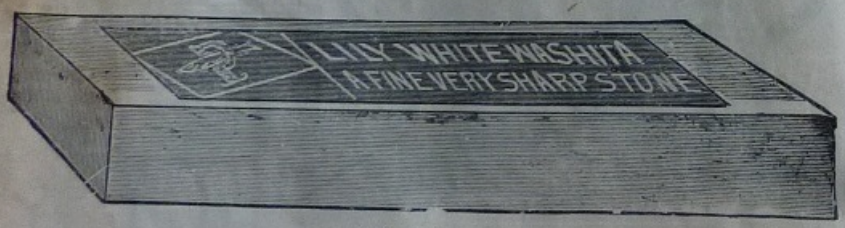
OILSTONES.

647.—The "Mikado" Oilstone. This stone is a fast-cutting one of even grit, in two sizes, 8″ x 1⅝″ x 1½″, 9″ x 1¾″ x 1⅝″, **6d.** per lb.; average **9d.** to **1/-** each.

648.—Canada Stone, also fast-cutting, **6d.** per lb.; average price, **6d.** to **1/-** each.

649.—Best Turkey Stone, is a first-class stone for putting a fine edge to all kinds of tools, **1/8** per lb.; average price **3/-** to **4/6** each.

650.—No. 1 Washita is a stone of even grit and can be recommended for general work, **1/2** per lb.; average price **1/6** to **2/6** each.



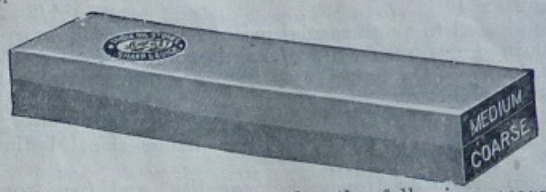
No. 651.

651.—**"Best Lily White Washita,"** is the best selection of Washita possible to obtain. It is perfectly white, of uniform texture, free from foreign substances and nicely finished. It is the most satisfactory natural Oilstone ever produced for Carpenters' and general Wood-workers' tools. It may be had in soft or fine grit. Each stone bears a guarantee label, also a small end label telling whether the stone is soft or hard. "Lily White" Washita is sold under the following guarantee:—"If this article does not prove to be just as represented we will replace it or exchange it for other goods to the value of the full price paid for same." Stock sizes, 8″ x 2″ x 1″, 9″ x 2″ x 1″, 8″ x 1⅝″ x 1½″, 9″ x 1¾″ x 1⅝″, in either soft or fine grit. **1/9** per lb.; average price, **2/6** to **3/6** each.

Note.—The soft stone is best for ordinary Carpenters' tools. It cuts very fast and imparts a fine edge. The hard grade does not cut so fast but imparts a finer edge such as required on tools for working hard wood, metal, etc.

OILSTONES—continued.

The **India** Stone is the hardest, yet the fastest cutting Oilstone on the market. The hardest metal, on which a file will produce little or no effect is readily cut by the "India." It is of pure Corundum, the hardest and sharpest of all known minerals, the diamond alone excepted. These stones are made in all shapes and sizes; also coarse, medium and fine grits.



No. 653.

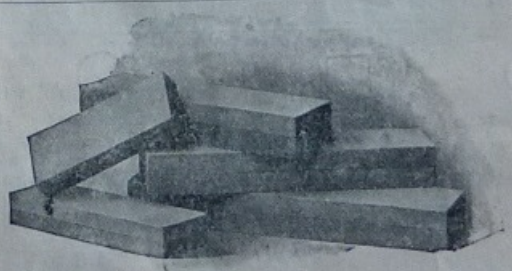
"India" Oilstones are sold under the following guarantee:—
"If this article should prove in any respect unsatisfactory, we agree to replace it or exchange it for other goods to the value of the full price paid for same."

652.—Fine or Medium Grit, Sizes 8″ x 2″ x 1″ or 8″ x 1¾″ x 1¼″ ... **4/-** ea.
653.—Combination India Stones, medium and coarse, 8″ x 2″ x 1″, or 8″ x 1¾″ x 1¼″, **5/3** ea.; 7″ x 2″ x 1″, **4/3** each.

CARBORUNDUM OILSTONES.

These stones are made in every grade from a hard fine surface for Razors to a coarse rubbing brick for masons' use. Carborundum is the hardest and quickest cutting mineral known, being ten times sharper than emery, yet while being quick cutting, it puts a very fine edge on all tools. Every stone is fully warranted, and is sold under the condition that if not satisfactory, goods to the full value will be allowed for it

	8″ x 2″ x 1″	8″ x 2″ x ¾″
654.—Fine Grit	... **4/2** ea.	**3/4** ea.
655.—Medium	... **3/3** ea.	**2/6** ea.
656.—Fine Grade Carborundum ...	... 6″ x 2″ x ⅝″	**2/6** ea.
657.—Do. do.	... 6″ x 1½″ x ½″	**2/-** ,,
657a.—Small fine, Carborundum Pocket Hones	... 3″ x ⅞″ x ⅜″	**9d.** ,,



No. 658.

658.—Combination Carborundum Stones, fine grit on one side, medium on the other. Two stones in one. 4 x 1½″ x ⅝″, **2/-** ea.; 8″ x 2″ x 1″, **5/3** ea.

OILSTONES—continued.

Rubbing Bricks, used for dressing and smoothing granite and marble, also for scouring castings, chilled iron, etc. Stocked in all grits and four sizes.

659.—Size 8" x 2" x 1" ... ... **1/9** ea.; **17/-** doz.
660.—Size 6" x 2" x 1" ... ... **1/6** ,, ; **14/6** ,,
661.—Size 4" x 2" x 2" ... ... **1/9** ,, ; **17/-** ,,
662.—Size 4" x 2" x 1" ... ... **1/2** ,, ; **11/-** ,,

We shall be pleased to quote special prices for any plain or irregular shapes of any of the above stones, on receipt of requirements.

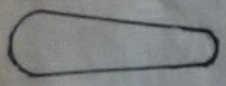
663.—Finest "Arkansas" Oilstones, very hard and fine, suitable for engravers tools, surgical instruments, etc. ... No. 1 quality, **10/6** per lb.
664.—Do. do. do. ... No. 2 quality, **7/6** per lb.
685.—The "Quickcut" Emery Oilstone, Fine on one side, Medium the other, 8" x 2" x 1" ... ... **1/6** ea.
666.—Natural German Razor Hones, best quality, and free from all foreign substances.

6	7	8	9	10 in.
1/- to **1/9**	**2/-** to **2/6**	**3/-** to **4/6**	**5/-** to **8/6**	**10/6** ea.

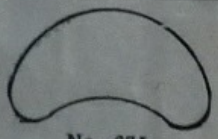
667.—Knife and Razor Hones, in wood case ... ... **1/6, 2/6, 3/6** ea.

No. 668

668.—Wood Boxes for Oilstones ... ... **1/-, 1/6** ea.



No. 671.

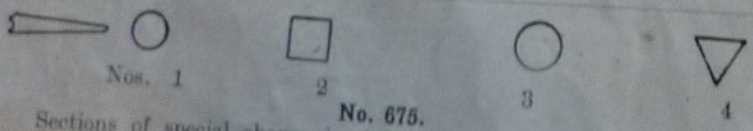


No. 674.

Best quality Slips for Gouges and Moulding Irons.

669.—Canada Slips ... ... **4d. 6d.** ea.
670.—No. 1 Washita ... ... **8d. 9d. 10d.** ,,
671.—Turkey Slips ... ... **10d. 11d. 1/-** ,,
672.—India Slips ... ... **1/3 1/6 1/9** ,,
673.—Carborundum ... ... **1/6 1/10 2/-** ,,
674.—"India" Special Patented Slip for Gouges, 6" long, Fine Grade, **3/-** ea.

For Carvers' Arkansas Slips, see No. 223.



Nos. 1 2 3 4

No. 675.

Sections of special shapes in Arkansas and Carborundum Slips, about 4" long x $\frac{3}{16}$" to $\frac{1}{2}$".

		1	2	3
675.—Best Arkansas ...	Shape	**1/-** to **1/6**	**1/3** to **2/-**	**1/-** to **1/6**
676.—Carborundum		**10d.** to **2/-**	**10d.** to **2/-**	**10d.** to **1/8**
677.—Do.	Shape 4	... ...	... Fine **1/6**; Medium **1/-**	

ODD JOBS.

676.—Odd Jobs. Ten Tools in one: T Square, Set Square, Mitre Square, 1-ft. Rule, Plumb, Level, Marking Gauge, Mortice Gauge, Compasses, Scratch Awl ... **3/-** complete.

No. 678

PAPERHANGERS' ROLLERS.

679.—Best Lignum Vitæ Rollers, Boxwood Handles—

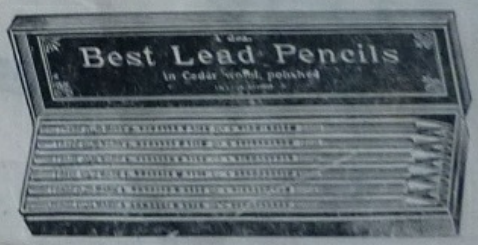
2	2½	3	4	5	6 in.
1/-	**1/2**	**1/4**	**1/6**	**1/8**	**2/-** ea.

680.—Best Lignum Vitæ Corner Rollers ... ... **1/3** ea.

No. 679.

681.—The **Pentagraph,** a most useful instrument for enlarging Drawings or Designs from twice to eight times the original size; made of steel throughout; packed in cardboard box ... ... **1/6** ea.

PENCILS.

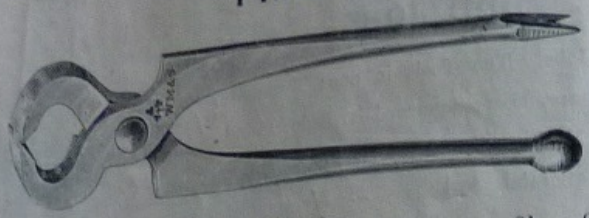


No. 686.

682.—Good quality Round Cedar Pencils ... ... **3½d.** doz.
683.—Best quality Drawing Pencils ... ... **7d.** ,,
684.—Best Hexagon Drawing Pencils, all grades ... ... **7d.** ,,
685.—Best Oval Cedar, 7" long ... ... **6d.** ,,
686.—Do. do. polished ... ... **9d.** ,,
687.—Carbon Pencils, special for wood ... ... **2d.** ea.
688.—French Chalk Pencils, Round ... ... **1d.** ,,
689.—Do. do. Oval ... ... **2d.** ,,
690.—Red or Blue Crayon, per stick ... ... **1d.** ,,

CARRIAGE PAID ON ORDERS OVER 20/-.

PINCERS.



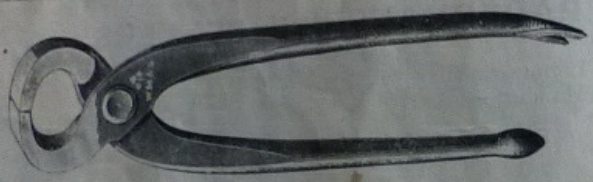
No. 691.

691.—Best quality Bright German Pincers—

6	6½	7	7½	8	8½	9	10 in.
10d.	**11d.**	**1/-**	**1/2**	**1/4**	**1/6**	**1/9**	**2/-** pr.

692.—Best quality Burnished German Pincers, Oxidized Finish—

6	6½	7	7½	8 in.
1/6	**1/8**	**1/9**	**2/-**	**2/3** pr.



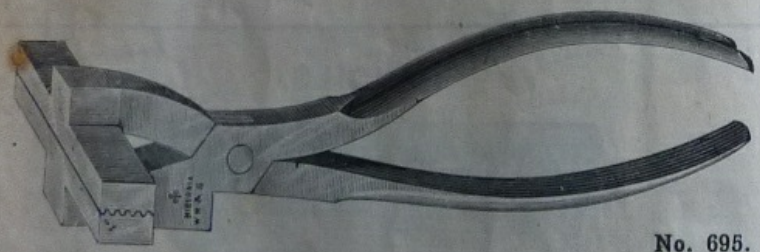
No. 693.

693.—Best Tower Pincers, English Make, Warranted—

6	6½	7	7½	8	8½	9	10 in.
10d.	**11d.**	**1/-**	**1/1**	**1/4**	**1/6**	**1/8**	**2/2** pr.

694.—Best Lancashire Pincers, all steel, Warranted—

1/6	**1/8**	**1/10**	**2/-**	**2/2**	**2/4**	**2/8**	**3/-** ,,



No. 695.

695.—Best quality Upholsterers' Pincers—

7″, **2/9**; 8″, **3/-**; 9″, **3/6** pair

PINKING IRONS.

696.—Best quality English-made Pinking Irons. State size and shape when ordering—

½	⅝	¾	⅞	1	1¼ in.
1/-	**1/-**	**1/-**	**1/1**	**1/2**	**1/6** ea.

No. 696.

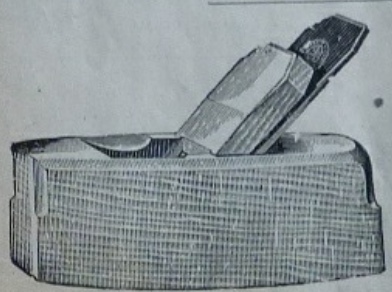
PLANES.

T. J. GARDNER'S OWN MAKE.

Special features worth noting about Gardner's Celebrated Wood Planes.

1.—**T. J. Gardner's Planes** are made from the HARDEST RED BEECH.
2.—The wood used in **Gardner's Planes** is guaranteed to be NATURALLY DRIED FROM 5 to 7 YEARS.
3.—This in itself RETAINS THE NATURAL HARDNESS in the wood, which is a great advantage over other Planes on the market, which are made from artificially dried wood placed in steam drying rooms from 3 to 6 months, destroying the natural hardness of the wood, making it soft, spongy, and light in weight .
4.—**T. J. Gardner's Planes** are universally renowned for GOOD WORKMANSHIP and DURABILITY.
5.—**T. J. Gardner's Planes** have been on the market for exactly 107 YEARS, and are in greater demand than ever.

NOTE THE FOLLOWING EXTREMELY LOW PRICES.



No. 697.

697.—Best Smooth Planes with Cast-steel, Brass - nutted Double Irons—

2	2⅛	2¼	2⅜	2½ in.
3/-	**3/3**	**3/6**	**3/10**	**4/6** ea.

698.—Do. do. do. with parallel Irons—

2	2⅛	2¼	2⅜	2½ in.
3/3	**3/6**	**3/9**	**4/3**	**4/10** ea.

699.—Best Smooth Planes with C.S., Brass-nutted, Double Parallel Irons and moveable Iron Fronts—
2″, **7/-** ea.; 2⅛″, **7/3** ea.; 2¼″, **7/6** ea.

700.—Best Smooth Planes with C.S., Brass-nutted, Double Parallel Irons and steel-plated Bottom—
2″, **6/6** ea.; 2⅛″, **6/9** ea.; 2¼″, **7/-** ea.

No. 699.

701.—Best Cabinet Makers' High Pitch Smooth Planes with C.S., Brass-nutted Double Irons ...

2	2⅛	2¼	2⅜	2½ in.
3/2	**3/4**	**3/6**	**4/-**	**4/9** ea.

702.—Boxmakers' Low Pitch Smooth Planes with Single C.S. Iron—
2″, **2/9** ea.; 2⅛″, **3/-** ea.; 2¼″, **3/3** ea.

703.—Boxmakers' Low Pitch Smooth Planes with Cast-steel, Brass-nutted Double Irons ... ... 2″, **3/3** ea.; 2⅛″, **3/6** ea.; 2¼″, **3/9** ea.

No. 704.

704.—Best Compass Smooth Planes with C.S., Brass-nutted Double Irons—

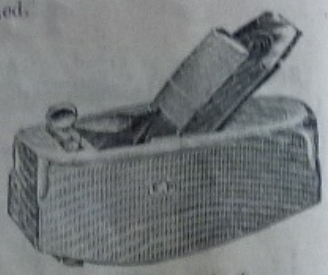
2	2⅛	2¼ in.
3/9	**4/-**	**4/3** ea.

CARRIAGE PAID ON ORDERS OVER 20/-.

PLANES—continued.

705.—Best Compass Smooth Planes with C.S., Brass-nutted Double Irons and Adjustable Screw Stop—

2	2½	2¾ in.
6/3	**6/6**	**6/9** ea.



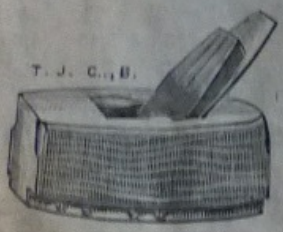
No. 705.

706.—Best Coachmakers' Smooth Plane with C.S., Brass-nutted Double Irons—
1⅝" or 1¾", **3/3** ea.

707.—Best Coachmakers' Compass Smooth with C.S., Brass-nutted Double Irons ... ... 1⅝" or 1¾", **3/9** ea.

708.—Do. do. concave ... ... **4/-** ea.

709.—Set of 8 Coachmakers' Planes, including 6 Compass, 1 Concave, and 1 Smoothing Plane ... ... **29/-** set



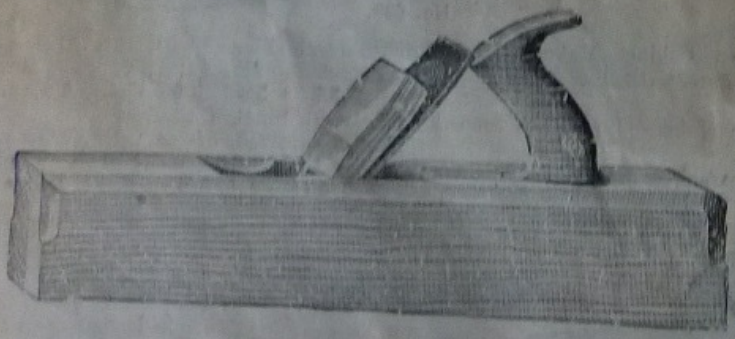
No. 710.

710.—Coach Door Smooths with plated sides and Cast-steel, Brass-nutted Double Irons ... 2¼", **6/-** ea.

711.—Best Toothing Planes, with fine, medium, or coarse irons—
2", **2/9** ea.; 2⅛", **3/-** ea.; 2¼", **3/3** ea.

712.—Do. do. with two Irons—
2", **3/6** ea.; 2⅛", **3/9** ea.; 2¼", **4/-** ea.

713.—Small Gents.' Smooth Planes, with C.S. Single Irons—
1¼", **1/6** ea.; 1½", **1/9** ea.; 1¾", **2/3** ea.



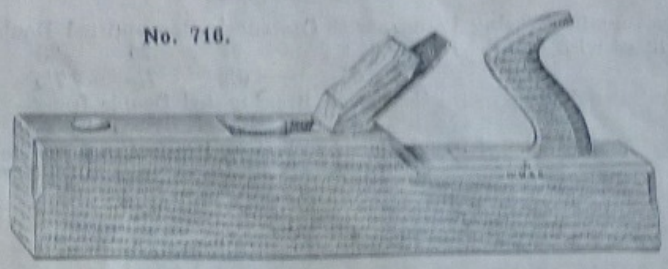
No. 714.

714.—Best Jack Planes, with Cast-steel, Brass-nutted, Double Irons—
17" long—2", **4/-** ea.; 2⅛", **4/3** ea.; 2¼", **4/6** ea.

715.—Do. do. do. with Parallel Irons—
2", **4/4** ea.; 2⅛", **4/6** ea.; 2¼", **4/9** ea.

PLANES—continued.

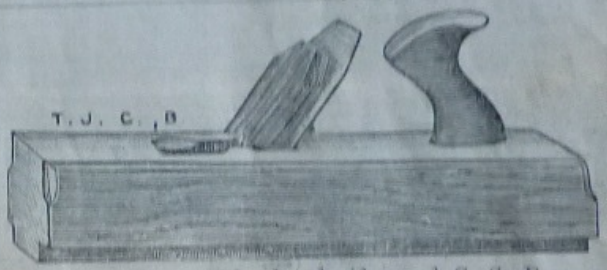
No. 716.



716.—Best Technical or Sunk Handle Jack Planes, with C.S., Brass-nutted Double Irons, 15" to 17" long, and Boxwood Striking Knob—

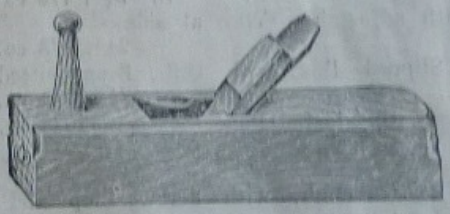
2	2½	2¼ in.
4/9	**5/-**	**5/3** ea.

717.—Best Round-face Jack or Spout Plane, with C.S. Single Iron—2¼", **5/6** ,,
718.—Do do. do. Double Iron ... ... 2¼", **7/6** ,,



No. 719.

719.—Best Coach Door Jack, with plated sides and C. S. Brass-nutted Double Irons, 2" x 16" ... ... **7/3** ea.

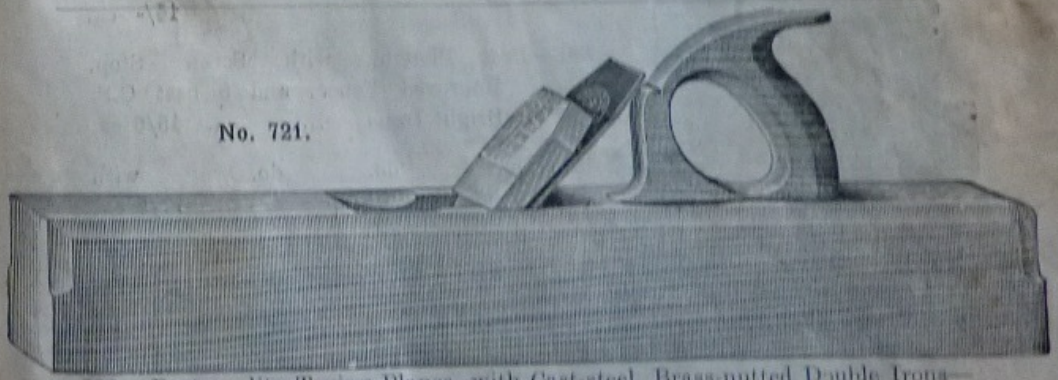


720.—Best Quality German Jack Planes, Single Irons—

1¼ x 12 in.	1½ x 14in.	1¾ x 14 in.
3/3	**3/3**	**3/6** each.

No. 720.

No. 721.



721.—Best quality Trying Planes, with Cast-steel, Brass-nutted Double Irons—

2½ x 22	24	26	28	30 in.
5/9	**6/3**	**6/9**	**7/3**	**8/-** ea.

CARRIAGE PAID ON ORDERS OVER 20/-.

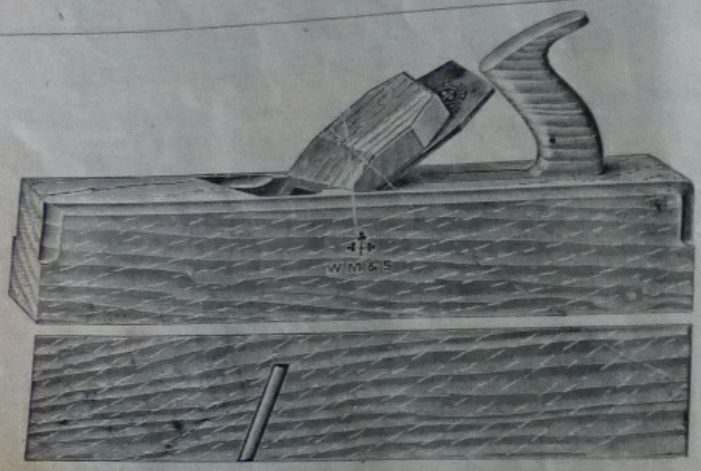
PLANES—continued.

722.—Best quality Trying Planes, with Cast-steel, Brass-nutted Double Irons' fitted with Parallel Irons—

2½ x 22	24	26	28	30 in.
6/-	**6/6**	**7/-**	**7/6**	**8/3** ea.

723.—Best Panel Plane, with Cast-steel, Brass-nutted Double Irons— 2½ x 16″, **5/6** ea.

724.—Best quality Slipped Panel Plane, with C.S., Brass-nutted Double Irons— 2½ x 16″, **6/3** ea.



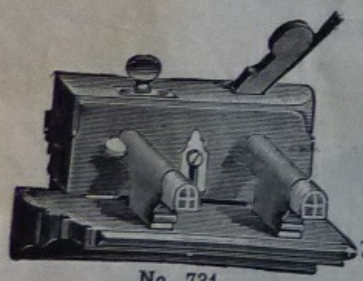
No. 725.

725.—Best quality Skew Mouth Badger Plane, with C.S., Brass-nutted Double Irons ... ... 2¼″, **7/3** ea.

726.—Skew Mouth Badger Plane, with adjustable Fence at side— 2¼″, **9/3** ea.

727.—Skew Mouth Badger Plane, Slipped Box, with C.S., Brass-nutted Double Irons ... ... 2¼″, **9/3** ea.

728.—Do. do. do. Shouldered Box ... **10/3** ea.



No. 731.

729.—Best Plough, with Screw Stop and 8 best Cast-steel Bright Irons— **14/-** ea.

730.—Best Plough, with Screw Stop, Improved Fence, and 8 best C.S. Bright Irons ... ... **15/6** ea.

731.—Do. do. do. with Side Screw Stop ... **17/6** ea.

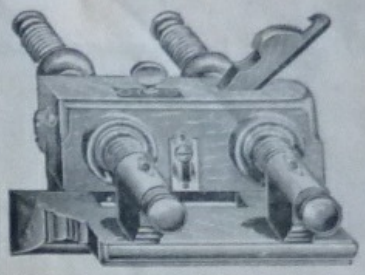
732.—Best Plough, Improved Stop, with Side Screw, Rivetted Plates, and 8 Cast-steel Bright Irons ... ... **19/6** ea.

733.—Best Plough, Improved Stop with Side Screw, Steel Plated Fence, and 8 Cast-steel Bright Irons ... ... **19/6** ea.

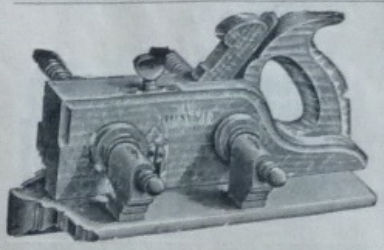
734.—Do. do. do. with Boxwood Fence and 8 C.S. Bright Irons ... ... **19/6** ea.

PLANES—continued.

735.—Best Plough, Improved Stop with Side Screw, Boxwood Fence, with Boxwood Screw Stems, and 8 Cast-steel Bright Irons **25/-** ea.



No. 735.



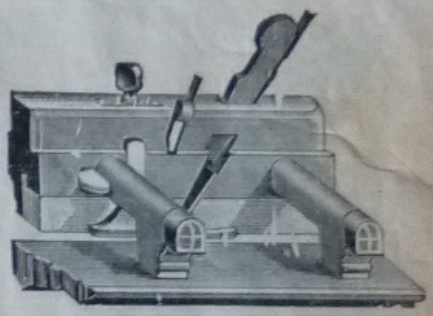
736.—Best Handled Plough, Improved Stop with Side Screw, Boxwood Fence, Boxwood Screw Stems, Skate End Plates, and 8 Cast-steel Bright Irons ... **30/-** ea.

No. 736.

737.—Best Sash Fillister, left-hand Improved Stop, Shouldered Box ... ... **14/6** ea.

738.—Best Sash Fillister, left-hand, Improved Stop, Dovetailed Box across face ... **17/-** ea.

739.—Best Sash Fillister, left-hand, Improved Stop, Boxwood Fence, Dovetailed Box Face. **19/6** ea.

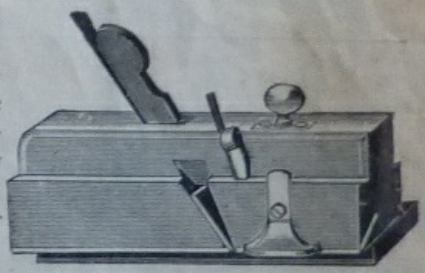


No. 737

740.—Best Moving Fillister, Slip Stop, Slipped Box on Face **7/3** ea.

741.—Best Moving Fillister, Brass Screw Stop, Slipped Boxwood on Face **8/-** ea.

742.—Best Moving Fillister, Brass Screw Stop, shouldered Box on Face **9/-** ea.



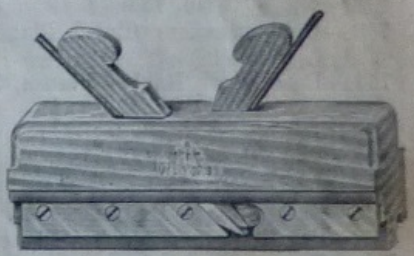
No. 740

743.—Best Moving Fillister, Brass Screw Stop, Dovetailed Box Face ... **12/-** ea

744.—Best Match or Grooving Planes

$\frac{3}{4}$	$\frac{7}{8}$	1 in.
4/9	**5/3**	**5/6** pr.

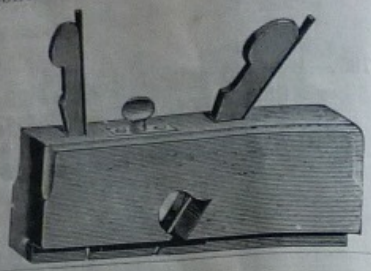
745.—Combination Match Planes, Two Planes in one—
To $\frac{3}{4}''$, **5/-** ea.; $\frac{7}{8}''$, **5/3** ea.; 1″, **5/6** ea.



No. 745

CARRIAGE PAID ON ORDERS OVER 20/-.

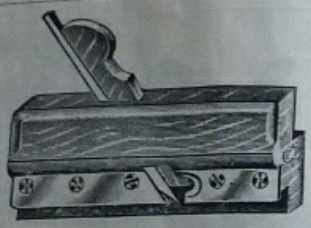
PLANES—continued.



746.—Best Dado Grooving Planes with Brass Screw Stop—

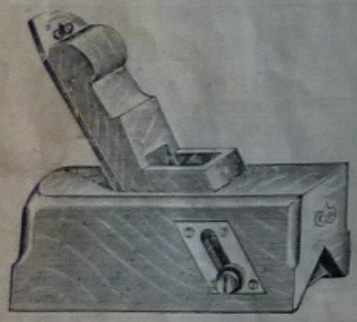
Up to ⅝	¾	1 in.
5/6	5/9	6/3 ea.

No. 746



747.—Best Drawer Bottom Ploughs 3/3 ea.
748.—Short Drawer Bottom Ploughs 3/6 ea.
749.—Do. do. Boxwood Slip 3/- ea.

No. 747

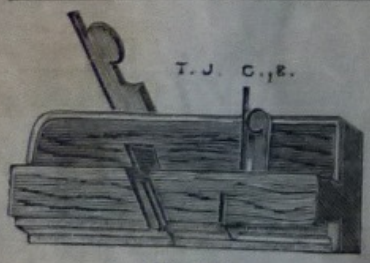


750.—Improved Stop Chamfer Planes 6/9 ea.

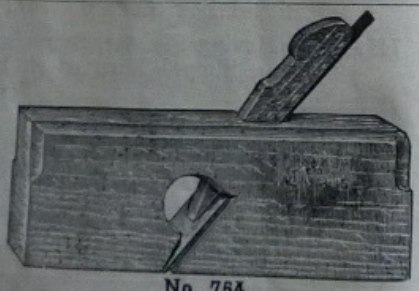
751.—Improved Stop Chamfer Planes, adjustable Fence ... 6/- ea.

752.—Side V or Chamfer Planes 2/6 ea.

No. 750



No. 753



No. 754.

753.—Cabinetmakers' Bevel Planes, Solid Boxed with Clearing Cutter 4/6 ea.

754.—Best Beech Rabbet Planes, Skew or Square Mouth—

½	¾	1	1¼	1½	1¾	2 in.
2/-	2/-	2/-	2/3	2/6	3/-	3/3 ea.

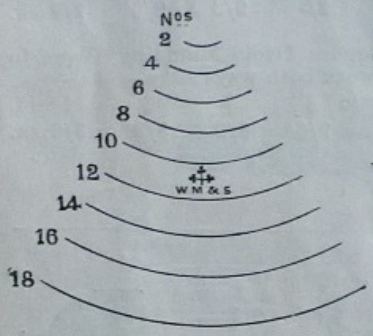
755.—Best Beech Rabbet Planes, Skew or Square Mouth, with Steel Face Up to 1¼", 4/3; 1½", 4/6 ea.

756.—Side Rabbet Planes ... ... 5/- pr.
757.—Small Circular Rabbet Planes, 1" wide x 4½" long, Beechwood 4/6 pr.
758.—Do. do. do. Boxwood ... ... 5/6 pr.

PLANES—continued.

759.—Coachmakers' T Rabbet Planes, all Beech any size .. .. **3/6** ea.
760.—Do. do. Boxwood Face, all sizes **4/6** ea.
761.—Coachmakers' T Rabbet Compass Planes, all Beech .. . . **4/-** ea.
762.—Do. do. do. Boxwood Face **4/9** ea.

No. 759.



No. 763

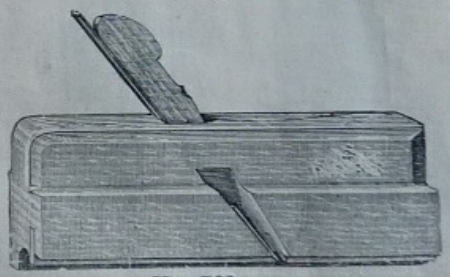
763.—Hollows and Rounds, square mouth,

Any size from No. 2 to 14	16	18
3/9	**4/-**	**4/3** pr.

764.—Do. do. do. Skew mouth,

Any size from No. 2 to 14	16	18
4/2	**4/6**	**4/9** pr.

765.—Half Sets Hollows and Rounds, 9 Pairs, Nos. 2 to 18, Square mouth **32/-** set
766.—Do. do. do. Skew Mouth .. ... **35/6** ,,
767.—Small Hollows and Rounds, $4\frac{1}{2}''$ long ... ... **3/9** pr.
768.—Side Round Planes ... ... **4/6** ,,



No. 769

769.—Best Bead Planes, Boxwood slipped—

$\frac{1}{8}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$ in
2/-	**2/-**	**2/-**	**2/-**	**2/-** ea.
$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1 in.
2/-	**2/-**	**2/3**	**2/6**	**2/9** ea.

770.—Do. do.. Double Boxed

$\frac{1}{8}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$ in
2/6	**2/6**	**2/6**	**2/6**	**2/6** ea.
$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1 in
2/6	**2/6**	**2/9**	**3/-**	**3/3** ea.

771.—Best Torus Bead Planes ... $\frac{1}{8}''$ to $\frac{5}{8}''$, **2/6**; $\frac{3}{4}''$, **2/9**; $\frac{7}{8}''$, **3/3**; $1''$, **3/6**
Any of the above Bead Planes may be had slipped at **6d.** each extra.
772.—Set of 8 single Box Slipped Bead Planes, $\frac{1}{8}''$ to $1''$ inclusive ... **16/9** set
773.—Set of 10 single Box Slipped Bead Planes, $\frac{1}{8}''$ to $1''$, including $\frac{3}{16}$ and $\frac{5}{16}$— **20/-** set

774.—Best Astragal Planes with $\frac{1}{8}''$, $\frac{3}{16}''$ or $\frac{1}{4}''$ Bead ... **2/6 ea.**

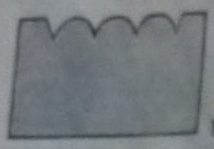
No. 774

CARRIAGE PAID ON ORDERS OVER 20/-.

PLANES—continued.

775.—Reed Planes, Solid Boxed, $\frac{3}{16}$", $\frac{1}{4}$" or $\frac{5}{16}$" Reeds same price—

1	2	3	4 reed
3/-	3/6	4/-	4/6 ea.



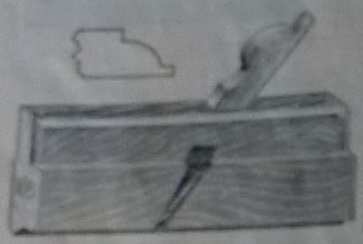
No. 775.

776.—Common Ovolo Moulding Planes—

Up to $\frac{1}{2}$	$\frac{3}{4}$	$\frac{7}{8}$	1 in.
2/-	2/3	2/6	2/9 ea.

777.—Square Ovolo Moulding Plane to work both ways alike—

Up to $\frac{1}{2}$	$\frac{3}{4}$	$\frac{7}{8}$	1 in.
2/6	2/9	3/3	3/6 ea.



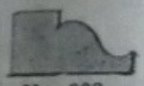
No. 776

778.—Common Ogee Moulding Planes—

Up to $\frac{1}{2}$	$\frac{3}{4}$	$\frac{7}{8}$	1 in.
2/-	2/3	2/6	2/9 ea.

779.—Scotia Moulding Planes—

Up to $\frac{1}{2}$	$\frac{3}{4}$	$\frac{7}{8}$	1	1 in.
2/6	2/9	3/-	3/6	3/9 ea.



No. 803

No. 782

No. 780

No. 783

No. 784

760.—Ovolo Sash Planes, Nos. 1 and 2, and 2 Templets, $\frac{1}{2}$" or $\frac{5}{8}$" ... 6/- pr
761.—Do. do. with 2 Brass end Templets, and 2 Handled Scribing Gouges ... ... 10/- pr.
762.—Lamb Tongue Sash Planes and 2 Templets $\frac{1}{2}$" or $\frac{5}{8}$" ... ... 7/- pr.
763.—Gothic Sash Planes and 2 Templets, $\frac{1}{2}$" or $\frac{5}{8}$" ... ... 6/- pr.
764.—Astragal and Hollow Sash Planes and 2 Templets, $\frac{1}{2}$" or $\frac{5}{8}$" ... 6/6 pr.
765.—Table Planes with Gauge ... ... 5/3 pr.
766.—V. Joint Planes, Boxed ... ... 3/- ea.
767.—Show Case Planes, Single Groove ... ... 6/- pr.
768.—Do. do. Double Groove ... ... 7/- pr.
769.—Do. do. Hook Joint Pattern ... ... 3/9 ea.
790.—Snipe Bills, Shouldered Box ... ... 8/6 pr.

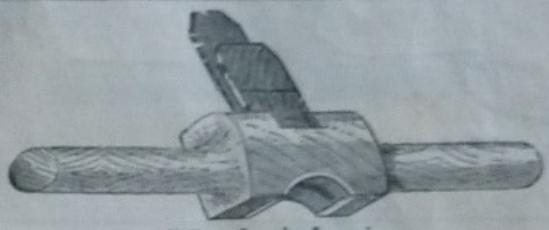
791.—Nosing Planes	1	1½	1½ in
	3/-	3/6	3/9 ea.

Planes made to any Drawing or Pattern. Prices on application.

ROUTERS.

792.—Old Woman's Tooth Plane (no Iron) ... 2/3 ea.
793.—Carvers' Routers ... ... 1/3 ea.

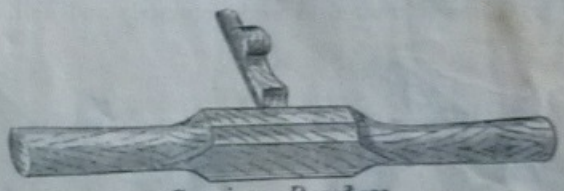
No. 792



No. 794

Wheeler's Jarvis

794.—Coachmakers' Jarvis, Iron Face ... ... 9/6 ea
795.—Do. do. Brass ,, ... 11/- ,,



No. 796

Boxing Router

796.—Boxing Routers ... ... 3/3 ea.
797.—Do. do. extra Irons ... ... 8d. ,,

No. 798

Beading Router

798.—Beading Routers (Coachmakers') ... ... 6/6 ea.
799.—Do. do. extra Irons ... ... 1/3 pr.

No. 800

Fence or Grooving Router

800.—Improved Grooving Routers, Single Fence .. .. 6/6 ea
801.—Do. do. do. Double do. ... ... 9/- ,,

CARRIAGE PAID ON ORDERS OVER 20/-.

ROUTERS—continued.

No. 802

802.—Jigger Routers, Improved ... ... 12/- ea.

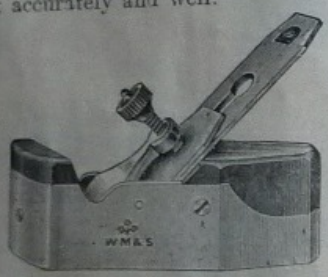
No. 803.

803.—Coachmakers' Rounding Tool ... ... 6/6 ea.
804.—Do. do. do. extra Irons ... ... 1/2 pr.

T. J. GARDNER'S IRON PLANES.

All our Iron Planes are well fitted and well finished. Quality and accuracy guaranteed. Every Plane warranted to work accurately and well.

No. 805



No. 806

805 or 806.—Malleable Iron Smooth Planes, Rosewood fitted, with gun-metal Screw Lever, with or without handle, with Bright C. S. Parallel Double Irons ... ... 2", 17/6; 2⅛", 18/6; 2¼", 19/- ea.

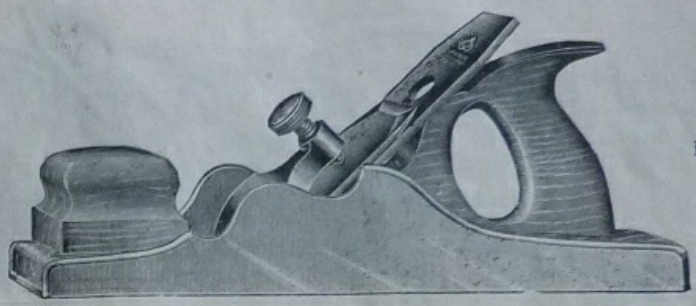
No. 807

807 or 808.—Malleable Iron, Smooth Planes, Rosewood fitted, with Rosewood Wedge, with or without handle, with Bright C. S. Parallel Double Irons—
2", 17/6; 2⅛", 18/6; 2¼", 19/- ea

809.—Malleable Iron Panel Plane, Screw Lever, Rosewood fitted, with Bright C.S. Parallel Double Irons—

15 x 2½	19 x 2½ in.
26/-	32/- ea

IRON PLANES—continued.



No. 810

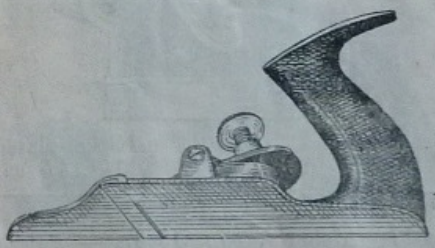
810.—Dovetail Steel Panel Planes, Gun-metal Screw, Rosewood Fitted, with 2½″ C. S. Bright Parallel Double Irons—

13½″ long	15/″ long
30/-	32/- ea.

811.—Malleable Iron Shoulder Planes, Rosewood fitted, with skew or square mouth

1¼ x 8	1½ x 8 in.
15/6	16/- ea.

No. 811



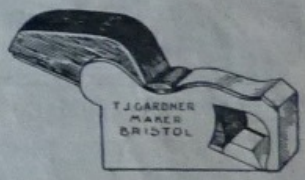
No. 812

812.—Malleable Iron Angular Shoulder Plane with Dovetailed Mouthpiece.

1⅜″, 15/6 ea.

813.—Malleable Iron Bullnose Planes, Rosewood fitted—

1	1⅛	1¼ in.
7/-	7/3	7/6 ea.



No. 813

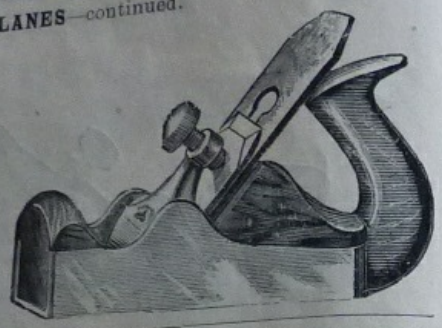
No. 814

814.—Malleable Iron Chariot Planes, Rosewood fitted, with Dovetailed Mouthpiece—

1¼″, 8/-; 1½″, 8/6 ea.

IRON PLANES—continued.

815.—Dovetailed Steel Smooth Plane, Screw Lever, Rosewood fitted ... 2¼", 22/- ea.



No. 815

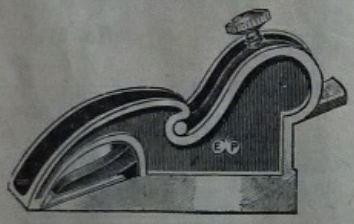
PRESTON'S IRON PLANES.

816 (Maker's No. 1366). — Small Nickel - plated Bullnose Rabbet Plane, Rosewood Wedge — 3 x ⅜ in., 2/6 ea.

No. 816

817 (Maker's No. 1363).—Bullnose Rabbet Plane, Black Japanned Set Screw underneath Lever ... ... 1⅛". 4/- ea.

818 (Maker's No. 1347).—Bullnose Rabbet Plane, Black Japanned, Brass Screw Lever 1⅛", 3/6 ea.



No. 818

819 (Maker's No. 1347NP).—Do. do. do. Nickel-plated 1⅛", 4/- ea.

820 (Maker's No. 1355). — Patent Adjustable Bullnose Rabbet Plane, Nickel-plated ... 1⅛", 5/6 ea.

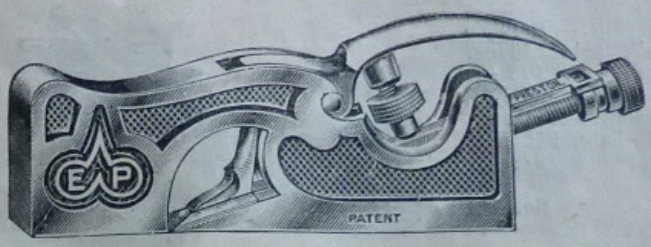
No. 820

821 (Maker's No. 1355a).—Bullnose Rabbet Plane, as No. 820 ... ⅝", 4/6 ea.

822 (Maker's No. 1367).—Rabbet Plane, Nickel-plated, Rosewood Wedge—5" x ⅝", 5/6 ea.

No. 822

IRON PLANES—continued.



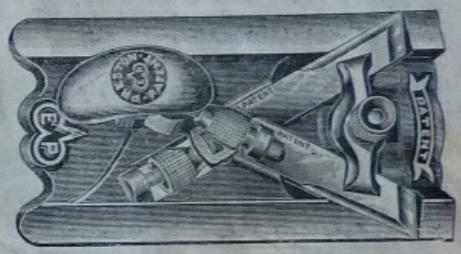
823 (Maker's No. 1368).—Adjustable Rabbet Plane, Nickel-plated 5″ x $\frac{5}{8}$″, **6/6** ea.

No. 823

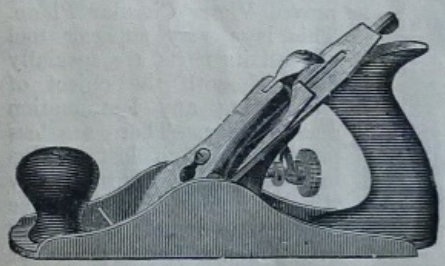
824 (Maker's No. 1368c).—Adjustable Rabbet Plane, Nickel-plated—8″ x $1\frac{1}{4}$″, **14/-** each; 8″ x $1\frac{1}{2}$″, **15/-** each.

825 (Maker's No. 1369).—Patent Adjustable Side Rabbet Plane, Nickel-plated, right and left-hand combined ... **7/6** ea.

No. 825



AMERICAN IRON PLANES.

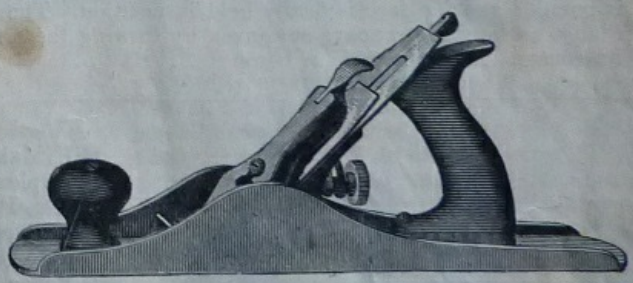


Note.—I do not pay carriage where Stanley American Iron Planes are ordered exclusively, nor stand any risk of breakages, etc., in transit.

826 (Maker's No. 4).—Adjustable Iron Smooth, 2″ iron ... **7/6** ea.

827 (Maker's No. $4\frac{1}{2}$).—Adjustable Iron Smooth, $2\frac{3}{8}$″ iron **8/6** ea.

No. 826



No. 828.

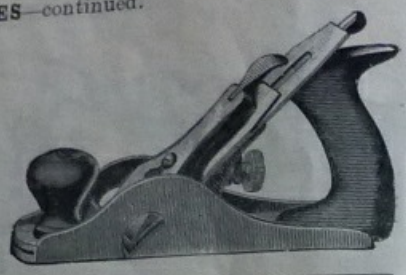
828 (Maker's No. 5).—Adjustable Iron Jack Plane, 14″ long, 2″ iron **8/6** ea.
829 (Maker's No. $5\frac{1}{2}$).—Adjustable Iron Jack Plane, 16″ long, $2\frac{3}{8}$″ iron **9/6** ea.
830 (Maker's No. 6).—Adjustable Iron Jack Plane, 18″ long, $2\frac{3}{8}$″ iron **10/6** ea.
831 (Maker's No. 7).—Bailey's Patent Adjustable Try Plane, 22″ long, $2\frac{3}{8}$″ iron ... ... **12/6** ea.
832 (Maker's No. 8).—Bailey's Patent Adjustable Try Plane, 24″ long, $2\frac{3}{8}$″ iron ... ... **16/6** ea.

CARRIAGE PAID ON ORDERS OVER 20/-.

IRON PLANES—continued.

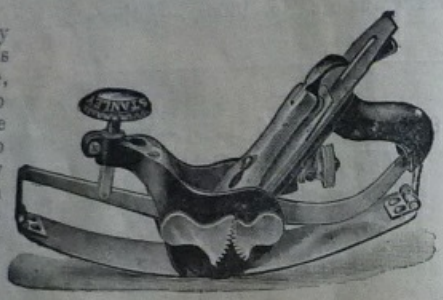
833 (Maker's No. 10).—Bailey's Carriage makers' Rabbet Plane, 13″ long, 2½″ iron ... 9/9 ea.

834 (Maker's No. 10½).—Bailey's Adjustable Carriage makers' Rabbet Plane, 9″ long, 2⅛″ iron 8/3 ea.

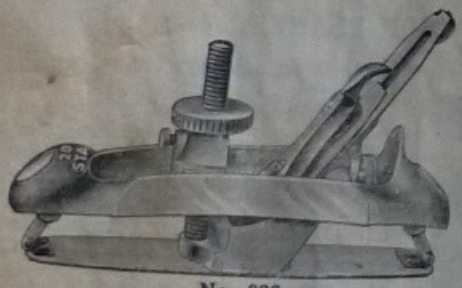


No. 833

835 (Maker's No. 113).—Stanley Adjustable Circular Plane. This Plane has a flexible Steel Face, which can be easily shaped to any required arc, either concave or convex, by turning the knob on the front of the Plane. By means of the graduated scale on the gears, the face can be accurately set to work an arc of the same circle, both concave and convex; 1¾″ iron, 9/6 ea.



No. 825



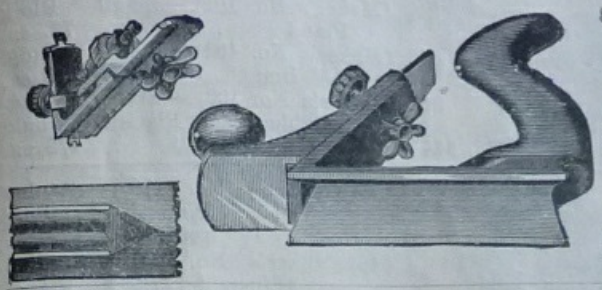
No. 836

836 (Maker's No. 20.) — Improved Victor Circular Plane. This is a very superior tool and all its parts are specially designed with the object of eliminating any lost motion due to wear. There are less parts subject to lost motion in this Plane than in any other Circular Plane. The ends of the flexible face being fixed and the force applied at the centre, great accuracy of adjustment is possible and the face is firmly held in position. The flexible steel face of this Plane can be made concave or convex by turning the screw which is attached to its centre. Nickel-plated, 1¾″ iron ... ... 13/- ea.

No. 837

837 (Maker's No. 78). Duplex Rabbet and Fillister, may be used as a Bull-nose Rabbet. Fence may be screwed on either side. Fitted with clearing cutter for working across grain; 1½″ cutter 5/6 ea.

IRON PLANES—continued.

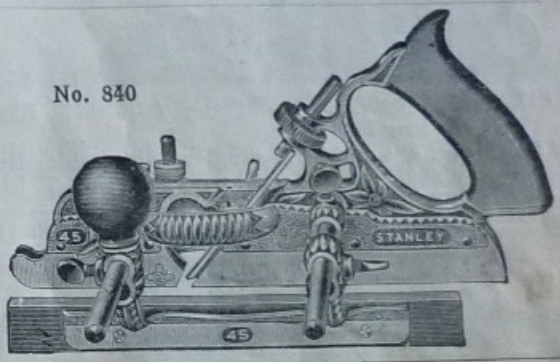


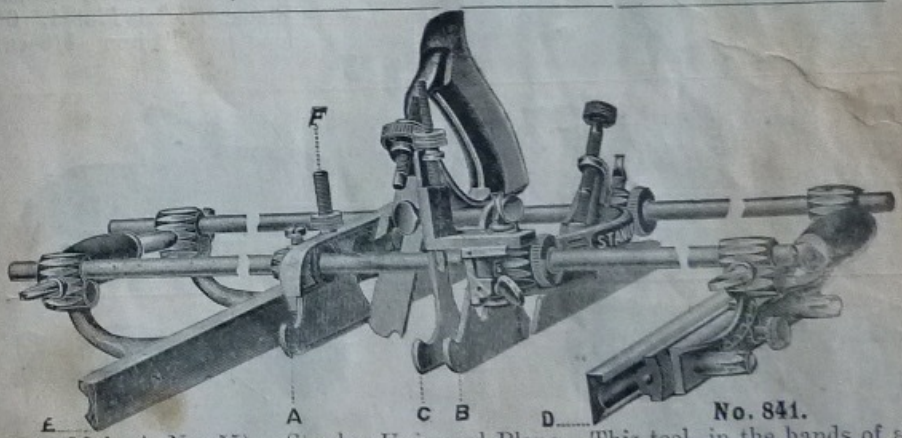
838 (Maker's No. 72½). Stanley Adjustable Chamfer and Beading Plane, with Reeding attachment **11/3** ea.
839 (Maker's No. 40). Stanley Improved Scrub Plane, 9½" long, 1¼" iron ... **4/-** ea.

No. 838

840 (Maker's No. 45).—Stanley Adjustable Beading, Rabbet, and Slitting Plane, embraces (1) Beading and Centre Beading Plane; (2) Rabbet and Fillister; (3) Dado; (4) Plough; (5) Matching Plane; (6) Sash Plane; (7) Slitting Plane. Nickel-plated, complete with 20 irons. In strong oak box ... **27/6** ea.

No. 840





No. 841.

841 (Maker's No. 55).—Stanley Universal Plane. This tool, in the hands of an ordinary Carpenter, can be used for all lines of work covered by a full assortment of so-called Fancy Planes. It includes Moulding Plane, Match, Sash, Chamfer, Beading, Reeding, Fluting, Hollow, Round, Plow, Dado, Rebate, Fillister, and Slitting Plane, 52 Tools, Bits, etc.; and consists of a Main Stock (A) with transverse sliding arms; a depth gauge (F) adjusted by a screw; and a Sliding Cutter with stop. A Sliding Section (B) with a vertically adjustable bottom. The Auxiliary Centre Bottom (C) is to be placed in front of the Cutter, as an extra support, or stop, when needed. Fence (D) has a lateral adjustment by means of a screw, for extra fine work. The Fences can be used on either side of the Plane, and the rosewood guides can be tilted to any desired angle to 45 degrees, by loosening screws on face. Fence (E) can be reversed for Centre Beading wide boards, when necessary. The Plane is nickel-plated; the 52 Cutters arranged in four separate cases; and the entire outfit is packed in a neat Wooden Box, with full directions for working ... ... Price, **55/-** ea.

IRON PLANES—continued.

No. 844

842 (Maker's No. 101).—Small Block Plane ... ... **7d.** ea.
843 (Maker's No. 102).—Do. do. $1\frac{1}{4}''$ iron ... ... 1/3 ea.
844 (Maker's No. 103).—Stanley Adjustable Block Plane, $5\frac{1}{2}''$ long by $1\frac{1}{4}''$ iron ... ... **1/8** ea.

No. 846.

845 (Maker's No. 110).—Stanley Block Plane, $7\frac{1}{2}''$ long by $1\frac{3}{4}''$ iron ... **1/7** ea.
846 (Maker's No. 120.)—Stanley Adjustable Block Plane, $7\frac{1}{2}''$ long by $1\frac{3}{4}''$ iron **2/3** ea.

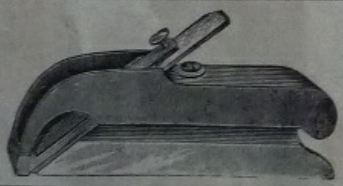
847 (Maker's No. 130).—Stanley Adjustable Block Plane. Double Mouthed. 8″ long by $1\frac{3}{4}''$ iron ... ... **2/6** ea.
848 (Maker's No. 140).—Stanley Adjustable Rabbet Block Plane, Nickel-plated; Skew Mouth, with loose side, 7″ long by $1\frac{3}{4}''$ iron ... **4/6** ea.

No. 849.

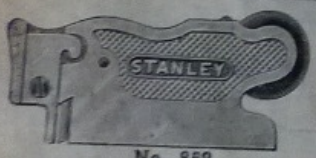
849 (Maker's No. $9\frac{1}{2}$).—Stanley Adjustable Block Plane, 6″ long by $1\frac{3}{4}''$ iron **4/3** ea.

850 (Maker's No. 18).—Bailey's Knuckle Joint Block Plane, Nickel Plated, 6″ long by $1\frac{3}{4}''$ iron **4/6** ea.

851 (Maker's No. 75).—Bullnose Rabbet Plane, Adjustable Mouth—1/3 ea.



No. 851.



No. 852.

No. 853.

852 (Maker's No. 98).—Right-hand side Rabbet Planes, Nickel-plated **3/3** ea.
853 (Maker's No. 99).—Left-hand do. do. ... **3/3** ea.

No. 854.

854 (Maker's No. 28).—Cornering Tool ... ... **1/3** ea.
855 (Maker's No. 29).—Do. do. large size ... ... **1/3** ea.

PLANE CASTINGS.

T. J. Gardner's own make, ready for fitting; guaranteed accurate and free from cracks or flaws.

856.—Malleable Iron Bullnose Castings with Iron—
1″, **4/-**; 1½″, **4/3**; 1¾″, **4/6** ea.

857.—Malleable Iron Shoulder Plane Castings, Skew or Square Mouth, complete with Iron ... ... 1¼″, **7/9**; 1½″, **8/-** ea

858.—Malleable Iron Chariot Plane Castings, complete with iron—
1¼″, **5/3**; 1½″, **5/6** ea.

PLANE FITTINGS.

859.—Iron Fronts for Smooth Planes, complete with screw—
2″, **1/6**; 2⅛″, **1/7**; 2¼″, **1/8** ea.

860.—Preston's Patent Heels, to fit on the back of Smooth Planes, saves all blisters through hand coming in contact with Iron. Makes planing a pleasure ... ... **6d.** ea.

861.—Wood Wedges for Smooths, Jacks, and Trying Planes, any size ... **6d.** ea.

862.—Gun-metal Bridges for Iron Planes, any size, 2″ to 2¼″, complete with screw ... ... **1/8** ea.

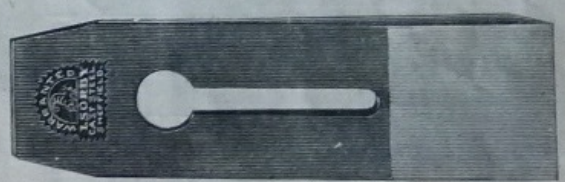
863.—Gun-metal Screw Lever Wedges for Iron Planes, any size, 2″ to 2¼″, complete with screw ... ... **2/9** ea.

For Plane Handles. See Nos. 519, 520, 522.

PLANE IRONS.

864.—Best Cast-steel Uncut Plane Irons—

To 1¾	2	2⅛	2¼ in.
7d.	**9d.**	**9½d.**	**10d.** ea.



No. 864.

865.—Single C.S. Cut Irons, Ibbotson's, Howarth's, or Sorby's—

1½	1⅝	1¾	2	2⅛	2¼	2⅜	2½	2⅝	2¾ in.
7d.	**7d.**	**7½d.**	**8½d.**	**9½d.**	**10d.**	**11½d.**	**1/-**	**1/1**	**1/3** ea.

866.—Single Cut C.S. Black Parallel or Gauged Irons—

2	2⅛	2¼	2⅜	2½	2⅝	2¾ in.
10½d.	**11d.**	**1/-**	**1/1**	**1/2**	**1/3**	**1/5** ea.

867.—Single Cut C.S. Bright do. do. do.

1/1	1/2	1/2	1/3	1/4	1/6	1/8 ea.

868.—Double C.S. Irons, Ibbotson's, Howarth's, or Sorby's—

1½	1¾	2	2⅛	2¼	2⅜	2½	2⅝	2¾ in.
1/2	**1/2**	**1/2**	**1/3**	**1/4**	**1/5**	**1/6**	**1/9**	**1/11** pr.

869.—Fitted with T. J. Gardner's "Special" Irons, **2d.** each extra.

870.—Double C.S. Black Parallel Irons, Ibbotson's, Howarth's, or Sorby's—

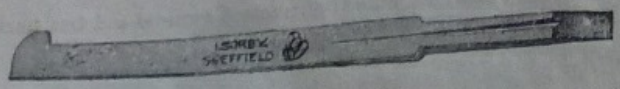
2	2⅛	2¼	2⅜	2½	2⅝	2¾ in.
1/5	**1/6**	**1/7**	**1/9**	**1/11**	**2/-**	**2/3** pr.

871.—Fitted with T. J. Gardner's "Special" Irons, **2d.** each extra.

872.—Double C.S. Bright Parallel Irons, Ibbotson's, Howarth's, or Sorby's—

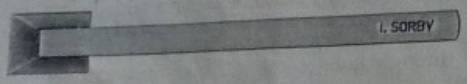
2	2⅛	2¼	2⅜	2½ in.
1/8	**1/8**	**1/9**	**1/10**	**2/-** pr.

PLANE IRONS—continued.



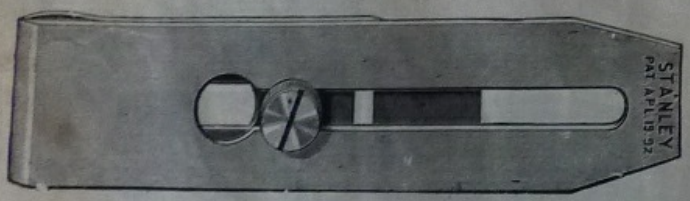
No. 873.

873.—Best Cast-steel Bright Plough Irons, **7½d.** each, **4/6** per set of 8.
874.—Fillister Irons, 1⅛″, Left-hand ... ... **5½d.** ea
Do. do. 1¼″, Right-hand ... ... **5½d.** ea
875.—Rabbet Plane Irons, Skew or Square, to 1″ **5d.** each, to 1½″ **6d.** each, to 1¾″ **7d.** each, to 2″ **8d.** each.



No. 876.

876.—Bright Shoulder Plane Irons, Skew or Square, up to 1¼″ **8d,** 1½″ **9d.** ea.
877.—Bright Bullnose Plane Irons ... ... up to 1¼″ **7d.** ea.
878.—Soft Moulding Irons ... ... 1″, **3½d.**; 1½″, **4d.**; 2″, **5d.** ea.
879.—T. Plane Irons ... ... To 1½″, **7½d.** ea.; 2″, **8½d.** ea.
880.—Top Irons, Brass Bushed ... ... **6d.** ea.
881.—Top Iron Screws ... ... **1d.** ea.
882.—Moulding Irons made to any drawing or pattern, from ... **7d.** ea.

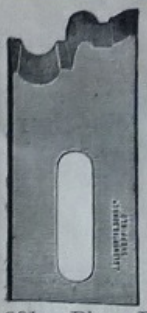


No. 883.

883.—American Plane Irons for Bailey Planes—

1¼	1⅝	1¾	2	2⅜	2⅝ in.
7d.	**9d.**	**10d.**	**11d.**	**1/1**	**1/3** ea

884.—Handles for Nos. 4 and 4½ Bailey Planes ... ... **1/-** ea.
885.—Knobs for ditto ... ... **10d.** ea.
886.—Screws for ditto ... ... **6d.** ea.
887.—Levers for No. 4 ... ... **1/3** ea.
888.—Levers for No. 4½ ... ... **1/4** ea.
889.—American Double Plane Irons **1/6, 1/8, 1/9,** and **1/10** pr.
890.—Back Irons for American Planes ... ... **3d.** ea.
891.—Caps for Block Planes, Nos. 102, 103, 110, and 120 ... ... **5d.** ea.
892.—Ditto for No. 18 ... ... **1/-** ea.
893.—Ditto for No. 140 ... ... **10d.** ea.
894.—Ditto for No. 78 ... ... **6d.** ea.
895.—Ditto for No. 9½ ... ... **9d.** ea.
896.—Small Uncut Irons for American Block Planes—
1⅜″, **5d.** ea.; 1½″, **6d.** ea.; 1⅝″, **7d.** ea.
897.—Cut Irons, for Block Planes—
1⅜″, **6d.** ea.; 1½″, **7d.** ea.; 1⅝″, **8d.** ea.
898.—Toothing Irons, fine, medium, or coarse—
2″, **11d.** ea.; 2⅛″, **1/-** ea.; 2¼″, **1/1** ea.
899.—Best C.S. Skew Badger Plane Irons, 2¼″ ... ... **1/-** ea.
900.—Ditto ditto ditto Double, 2¼″ ... ... **1/9** ea.



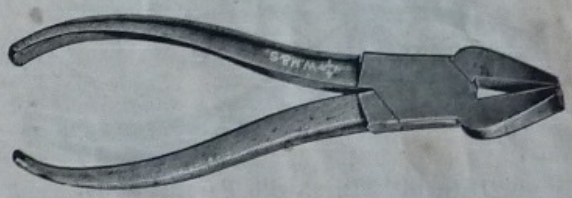
Best Quality Machine

Planing and Moulding Irons.

901.—Plane Irons	... 10d.	per in.
902.—Ditto with covers	... 1/8	,,
903.—Adze Irons, to 5″ long	... 9d.	,,
904.—Ditto above 5″ to 6″	... 9½d.	,,
905.—Panel Irons, to 3″ long	... 8d.	,,
906.—Ditto above 3″ to 4″	... 9d.	,,
907.—Moulding Irons	... 1/6	,,
908.—High Back Grooving Irons	... 1/6	,,
909.—Tongueing Irons	... 1/6	,,
910.—Side or Rebate Irons, Left Hand	... 1/-	,,
911.—Ditto ditto Right ,, ...	... 1/-	,,
912.—Square Irons, to 1¾″	... 1/-	,,
913.—Ditto above 1¾″ to 2¼″	... 11d.	,,
914.—Ditto over 2¼″ to 3½″	... 10d.	,,
915.—Moulding Cutters, not over 4″ long and ¼″ thick ...	... 1/3	,,
916.—Plain Cutters ditto ditto ...	... 10d.	,,

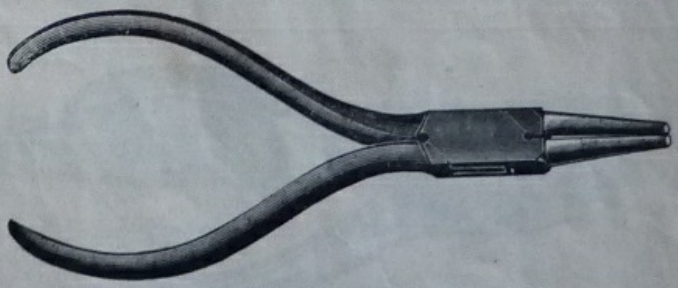
All Irons over 6″ long, Special Prices. Any under 1″ broad charged as 1 in.

PLIERS.



No. 917

917.—Best quality Glass Pliers	6″, 2/3; 7″, 3/-; 8″, 4/-	pr.
918.—Cheaper quality Glass Pliers	6″, 1/9; 7″, 2/6; 8″, 3/-	,,



No. 919

919.—Flat or Round Nose Bright Pliers (not warranted)—

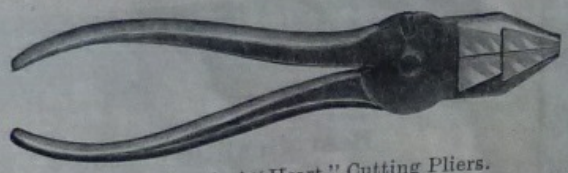
4	4½	5	5½	6 in.
6d.	6d.	7d.	9d.	10½d. pr.

920.—Flat or Round Nose, best Black Lancashire—

1/-	1/1	1/3	1/6	1/8	,,

CARRIAGE PAID ON ORDERS OVER 20/-.

PLIERS—continued.



No. 921

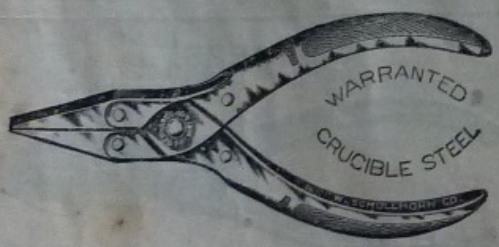
Wynn Timmins' "Heart" Cutting Pliers.

	5	5½	6	6½	7	8 in.
						2/8 pr.
921 (C200).—Flat Nose	1/5	1/7	1/9	2/-	2/2	2/11 ,,
922 (C197).—Round Nose ...	1/8	1/10	2/-	2/2	2/5	2/11 ,,
923 (C198).—Flat Nose, with Burner Holes	1/8	1/10	2/-	2/2	2/5	2/11 ,,

No. 924

	5	5½	6	6½	7	8 in.
924 (C196).—Round Nose, with Burner Hole	1/8	1/10	2/-	2/3	2/6	3/- pr.

925. (K50).—Bright Flat Nose ... 4½", 1/7; 5", 1/10; 5½", 2/2 ,,

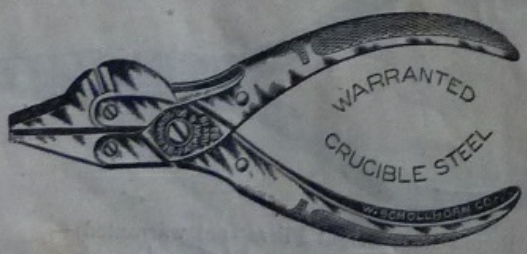


No. 926

"Bernard" Pliers, with Parallel Jaws.

926.—Flat Nose ... ... 4½", 1/9; 5½", 2/3; 6½", 3/- pr.
927.—Round Nose "Bernard" Pliers ... ... 4½", 1/8; 5½", 2/- pr.
928.—Small Jewellers' "Bernard" Pliers ... ... 4½", 1/9 pr.

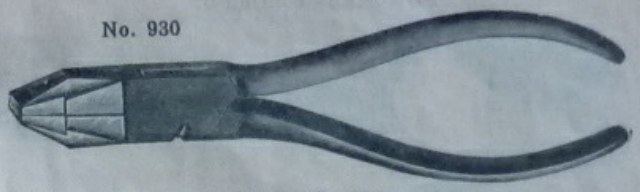
No. 929



929.—"Bernard" Parallel Jaw Cutting Pliers, very strong—
6½", 4/6; 7½", 5/2; 8", 6/6 pr.

PLIERS—continued.

No. 930



930.—Flat Nose Bell-hangers' Pliers, English make—
6", **1/4**; 6½", **1/6**; 7", **1/8** pr.

PLUMB BOBS.

No. 931

931.—Lead Plumb Bobs, turned, **6½d.** per lb. for 1lb. and upwards; under 1lb., **6½d.** each.

932.—Brass Plumb Bobs with Screw Tops and Steel Points—

No.	0	1	2	3	4	5	6
Weight	2½	3½	4½	6	8	10	13 oz.
Price	**8d.**	**10d.**	**1/-**	**1/2**	**1/4**	**1/8**	**2/-** ea.

No. 932

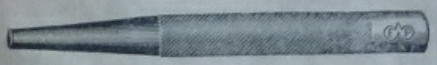
PUNCHES.

No. 933

933.—Brad Punches, Black, Round or Square ... ... **2d.** ea.
934.—Do. do. Bright do. ... ... **3d.** ,,
935.—Flooring Punches, Black ... ... **3d.**, **3½d.** and **4d.** ,,

936.—Starrett's Brad Punches, Cup Point, Milled Shank, will not slip off head of the nail **6d.** ea.

937.—Hand Rail Punches **6d.** ea.



No. 936

No. 938

938.—Saddlers' Hollow Punches, best English make—

No.	1 to 7	8	9	10	11	12	13	14	15	16
	6d.	**7d.**	**8d.**	**9d.**	**10d.**	**11d.**	**1/-**	**1/1**	**1/2**	**1/3** ea.

939.—Oval Hollow Punches. Best English make—

	⅛	¼	⅜	½	⅝	¾ in.
	9d.	**1/-**	**1/6**	**2/-**	**2/3**	**2/6** ea.

940.—Oval Venetian Blind Punches ... ... ¾", **3/3** ea.

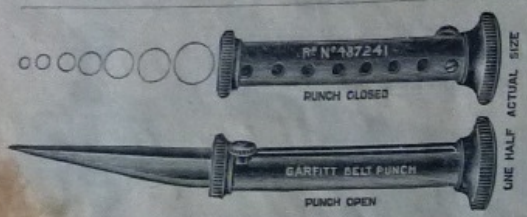
CARRIAGE PAID ON ORDERS OVER 20/-.

PUNCHES—continued.

No. 941

941.—Wad Punches, best English make—

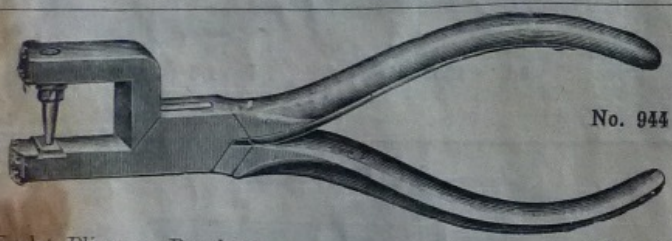
To	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{3}{8}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2 in.
	1/4	1/8	2/3	2/9	3/6	4/3	5/-	8/6	12/6 ea.



942.—The "Birsheff" Belt Punch, will punch holes from $\frac{1}{16}''$ to $\frac{3}{8}$ of an inch in diameter 3/- ea.

943.—New Blades for above ... 1/- ea.

No. 942



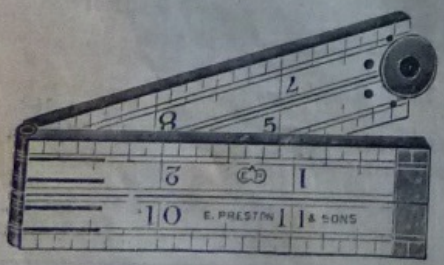
No. 944

944.—Eyelet Pliers or Punches	...	...	...	1/8	3/3 ea.
945.—Do. do. Patent with Parallel Thrust			...	...	5/- ,,
946.—Extra Punches to screw in above ...		...	...	...	6d. ,,
947.—Eyelet Machines	...	...	...	8/6	15/6 ,,

No. 948

948.—Best quality Slate Rippers ... ... 3/6 ea.

RULES.



No. 951

Ivory Pocket Rules—

949.—6″, 2-fold, $\frac{1}{4}''$ wide 1/- ea.

950.—12″, 4-fold, $\frac{1}{4}''$ wide 2/- ,,

951.—12″, 4-fold, $\frac{5}{16}''$ wide, arch joints ... ... 4/- ea.

952.—12″, 4-fold, $\frac{3}{8}''$ wide do. 5/- ea.

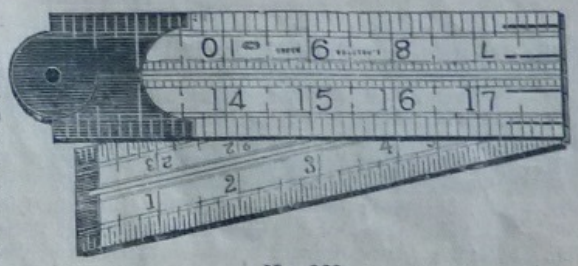
953.—12″, 4-fold, $\frac{3}{8}''$ wide, German Silver Mounts, 4 Scales 5/6 ea.

RULES—continued.

Best quality Boxwood Pocket Rules.

954.—1-foot, 4-fold, $\frac{3}{8}''$ wide, Round Joint ... ... **6d.** ea.
955.—1-foot, 4-fold, $\frac{5}{8}''$ wide, Square Joint ... ... **8d.** ,,
956.—1-foot, 4-fold, $\frac{3}{4}''$ wide, Arch Joint ... ... **1/-** ,,
957.—1-foot, 4-fold, $\frac{15}{16}''$ wide, Arch Joint, Light Make ... ... **1/3** ,,
958.—1-foot, 4-fold, $\frac{7}{8}''$ wide, Calliper Rule ... ... **2/3** ,,

2-FEET 4-FOLD RULES.

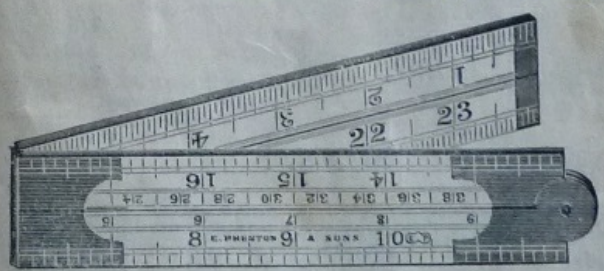


No. 962

959.—1″ wide, Round Joint ... **6d.** ea.
960.—1″ wide, Arch Joint ... **9d.** ea.
961.—$1\frac{1}{8}''$ wide, Arch Joint ... **10d.** ea.
962.—$1\frac{3}{8}''$ wide, Arch Joint ... **1/-** ea.
963.—$1\frac{1}{2}''$ wide Arch Joint ... 1/6 ea.

964.—1″ wide, Arch Joint, Brass Bound, 2 edges ... ... **1/8** ea.
965.—$1\frac{1}{8}''$ wide do. do. do. ... ... **1/10** ,,
966.—$1\frac{3}{8}''$ wide do. do. do. ... ... **2/-** ,,
967.—$1\frac{1}{2}''$ wide do. do. do. ... ... **2/3** ,,
968.—$1\frac{1}{2}''$ wide do. do. 4 edges ... ... **3/-** ,,
969.—1″ wide, Double Arch Joint ... ... **1/8** ,,
970.—$1\frac{1}{8}''$ wide do. do. ... ... **1/10** ,,
971.—$1\frac{3}{8}''$ wide do. do. ... ... **2/-** ,,
972.—$1\frac{1}{2}''$ wide do. do. ... ... **2/3** ,,
973.—1″ wide, 4 Bevelled Edges, 8 Scales ... ... **2/9** ,,
974.—$1\frac{1}{8}''$ wide ,, do. do. ... ... **3/-** ,,
975.—$1\frac{3}{8}''$ wide ,, do. do. ... ... **3/-** ,,
976.—1″ wide ,, do. Edge Plates ... ... **2/-** ,,
977.—$1\frac{1}{8}''$ wide ,, do. do. ... ... **2/3** ,,
978.—1″ wide, ,, do. German Silver Mounts ... **3/3** ,,
978.—$\frac{7}{8}''$ wide, 8 do. do. ... ... **4/-** ,,

3-FEET 4-FOLD RULES.



No. 985

980.—$1\frac{1}{8}''$ wide, Arch Joints ... **1/3** ea.
981.—$1\frac{3}{8}''$ wide, Arch Joints ... **1/6** ea.
982.—$1\frac{1}{2}''$ wide, Arch Joints ... **1/9** ea.
983.—$1\frac{1}{4}''$ wide, Arch Joints, Steel Tips **1/6** ea.
984.—$1\frac{3}{8}''$ wide, Arch Joints, Steel Tips **1/9** ea

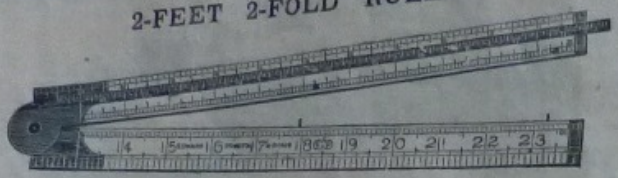
985.—$1\frac{3}{8}''$ wide, Double Arch Joints ... ... **2/3** ea.
986.—$1\frac{1}{2}''$ wide do. do. ... ... **2/6** ,,

4-FEET 4-FOLD COACHMAKERS' RULES.

987.—$1\frac{1}{2}''$ wide, Arch Joint ... ... **2/6** ea.
988.—$1\frac{3}{8}''$ wide do. Steel Plates in Joints ... ... **3/-** ,,
989.—$1\frac{1}{2}''$ wide do. do. do. do. ... ... **3/6** ,,
990.—$1\frac{1}{2}''$ do. do. Marked English and Metres ... **4/-** ,,

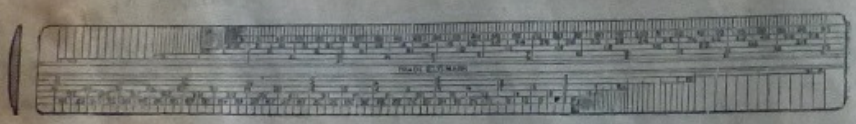
CARRIAGE PAID ON ORDERS OVER 20/-.

2-FEET 2-FOLD RULES.



No. 991

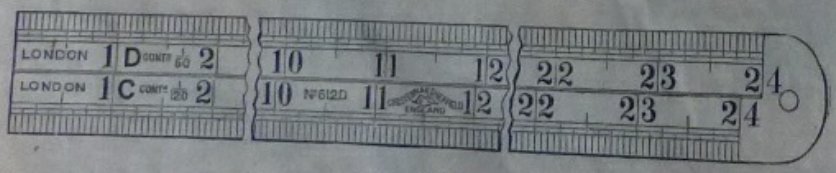
991.—1⅝″ wide, Arch Joint, 1 Bevelled Edge	9d. ea.
992.—1⅝″ wide, Arch Joint, Brass Slide, 8 Square Lines ...	1/- ,,
993.—1⅝″ wide, Arch Joint, 4 Scales, 10ths and Bevelled Edge ...	1/3 ,,
994.—1⅝″ wide, Arch Joint, Double Bevelled Edge, 8 Scales ...	1/6 ,,
995.—1⅝″ wide, Arch Joint, marked with Degrees, 4 Scales ...	1/6 ,,
996.—1⅝″ wide, Arch Joint, marked with Degrees, 4 Scales, Brass Slide	1/9 ,,
997.—1⅝″ wide, Arch Joint, Brass Slide, Gunter's Line, 2 Scales	2/- ,,
998.—1⅝″ wide, Arch Joint, Brass Bound Edges, 2 Scales ...	2/3 ,,
999.—1⅝″ wide, Arch Joint, marked with Degrees, Bevelled edge, 8 Scales	2/6 ,,
1000.—1⅝″ wide, Arch Joint, Gunter's Line, Brass Slide, 6 Scales	2/9 ,,
1001.—Boot Makers' Rules	1/- ,,
1002.—Instruction Books for Slide Rule	3d. ,,



No. 1003

Architects' Rules, 12″ long—	
1003.—Boxwood, Half Oval, 16 Scales	1/8 ea.
1004.—Steel, Flat, 8 Scales	1/6 ,,
1005.—Steel, Half Oval, 8 Scales	2/6 ,,
Boxwood Contraction Rules, 24″ long—	
1006.—Iron Contraction and Standard	2/6 ea.
1007.—Brass do. do.	2/9 ,,
1008.—Iron and Brass Contraction and Standard	3/- ,,

CONTRACTION RULES.



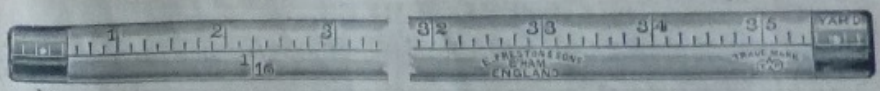
No. 1011

Chesterman's Steel Contraction Rules, 24″ long—	
1009.—Brass, Contraction only	3/- ea.
1010.—Brass and Iron Contraction	4/- ,,
1011.—Brass and Iron, Double Steel, and Standard	6/6 ,,
1012.—Brass and Iron, Cast Metal, and Standard	6/6 ,,

RULES—continued.

No. 1013

	5	6 ft.
1013.—Jointed Surveyors' Laths, Black with White figures ...	**3/6**	**4/6** ea.
1014.—Do. do. Boxwood, Black figures ...	**3/6**	**4/6** ,,



No. 1015

1015.—Round Yard Sticks ... ... **9d. 1/-** ea.
May be had Government Stamped, **3d.** each extra.

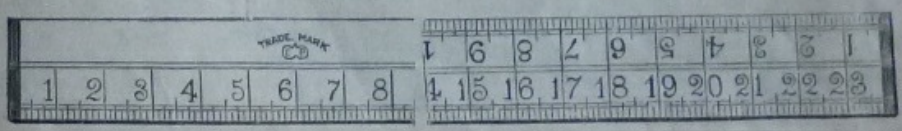
THE MASTER SLIDE RULE.

No. 1016.

1016.—**The Master Slide Rule,** is a newly invented tool and so far superior to any other rule, in real merits, and specifically for taking inside measurements of doors, windows, boilers and furnaces, etc., that it will become indispensable to the mechanic after once using it. It is the only practical rule in the world for taking inside measurements.

How to Use the Master Slide Rule for Inside Measurement:
Hold rule with left hand (side up with name on top slide) catch lower slide with thumb and index finger of right hand. Extend one slide at a time towards the right permitting each joint to lock (hear the click) until the two extreme points of the rule touch the objects measured between. It will then show exact inside measurement. Reverse side used like any ordinary rule.

Length	2 ft.	3 ft.	6 ft.
Price	**2/3**	**3/-**	**4/-** each



No. 1017

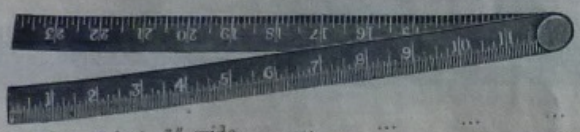
1017.—Glaziers' Boxwood Laths, marked inches in 8ths, $\frac{1}{8}''$ thick—

24	30	36	42	48	60 in.
1/-	**1/6**	**1/9**	**2/-**	**2/6**	**3/6 ea.**

1018.—Stout Boxwood Laths, as above, $1\frac{1}{2}''$ wide x $\frac{1}{4}''$ thick—

24	30	36	42	48	60 in.
1/3	**1/6**	**2/-**	**2/6**	**3/-**	**4/-ea.**

RULES—continued.

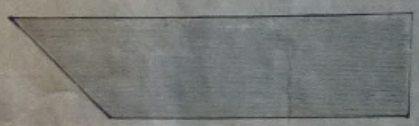


No. 1021

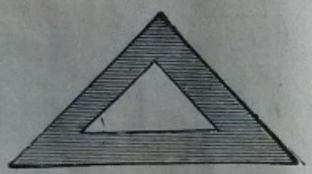
1019.—Brass Rule, 1-foot, ¾″ wide	1/- ea.
1020.—Brass Rule, 2-feet, ⅝″ wide	8d. ,,
1021.—Brass Rule, 2-feet, ¾″ wide	10d. ,,
1022.—Brass Rule, 2-feet, 1″ wide, Spring Joint	2/- ,,

STEEL RULES.

1023.—Steel Straight Edges, 1 bevelled edge, 24in., 4/-; 30in., 5/-; 36in., 6/-; 48in.,	8/-
1024.—Divided (1309) on Bevelled Edge into inches and 16ths ... 3ft.,	7/6
1025.—2-ft. 2-fold Steel Rules, ¾″ wide	1/-
1026.—Do. do. Stop Joints, ¾″ wide	1/3
1027.—Do. do. do. brass ends	1/6
1028.—Do do. 1⅛″ wide, Stop Joint to form true square ...	3/-
1029.—Do. Chesterman Make	4/-



No. 1030

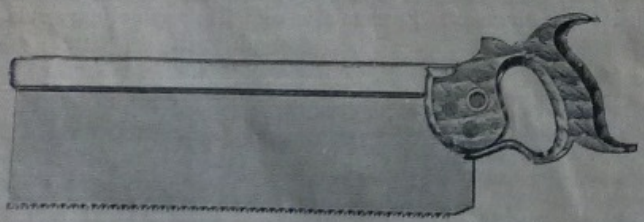


No. 1031

1030.—Plasterers' Joint Rules ... 2″ to 3″, 3d.; 3″ to 14″, 1½d. per inch	
1031.—Plasterers' Set Squares ... ... 10″, 2/6 ea.; 12″, 3/- ea.	

SAWS.

T. J. Gardner has the largest and best assorted stock of Saws in the United Kingdom.

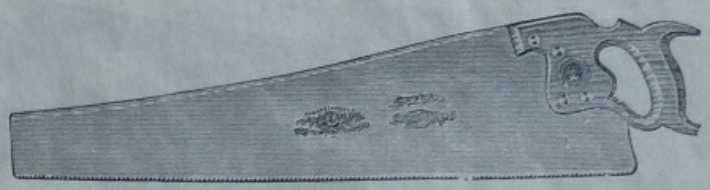


No. 1033

Dovetail and Tenon Saws—

	8	9	10	12	14	16in.
1032.—T. J. Gardner's Best C.S. Iron Back	3/-	3/-	3/3	3/9	4/-	4/6
1033.—T. J. Gardner's Best C.S. Brass Back	4/-	4/-	4/-	4/9	5/3	6/-
1034.—Tyzack, Sons and Turner's Heavy Brass Back ...	4/6	4/6	4/6	5/-	5/6	6/-
1035.—Disston's Celebrated, Brass Back	5/3	5/3	5/6	6/-	6/6	—

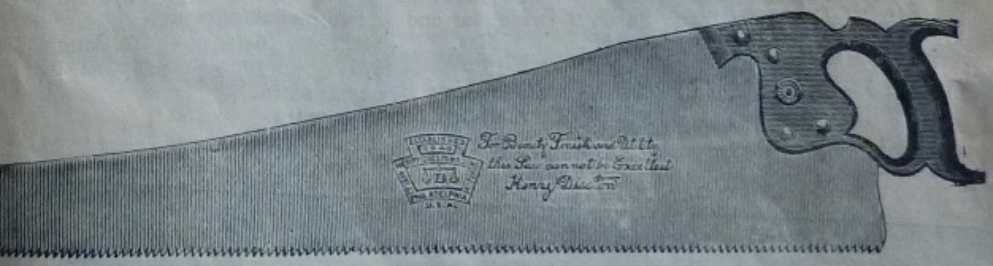
SAWS—continued.



No. 1042.

Panel Saws, 8 to 12 points—	20	22	24in.
1036.—E. Gibbon's C.S. Hollow Back (a useful Saw for Amateurs)	2/3	2/6	3/-
1037.—T. J. Gardner's Best Cast-steel	3/3	3/6	3/9
1038.—T. J. Gardner's Special Hollow Back, London Spring	4/9	5/-	5/6
1039.—Tyzack, Sons and Turner's Best Cast Steel ...	3/3	3/6	4/-
1040.—Disston's Straight Back, No. 7	4/9	5/-	5/3
1041.—Disston's Hollow Back, D8	5/3	5/6	5/9
1042.—Spear and Jackson's Hollow Back, No. 25A ...	4/-	4/3	—
1043.—Spear and Jackson's Straight Back, No. 82 ...	4/3	4/6	—

Hand Saws, 26", 5 to 7 Points—	26in.
1044.—E. Gibbon's Cast-steel Hollow Back (a useful Saw for Amateurs)	3/6 ea.
1045.—T. J. Gardner's Best Cast-steel Handsaw	4/6 ,,
1046.—T. J. Gardner's Best London Spring	5/6 ,,
1047.—Tyzack, Sons & Turner's C.S. Handsaw	4/6 ,,
1048.—Do. do. No. 4A C.S. Special Straight Back Hand Saw, Ground Thin to back (see Tyzack's Advertisement)	5/6 ,,

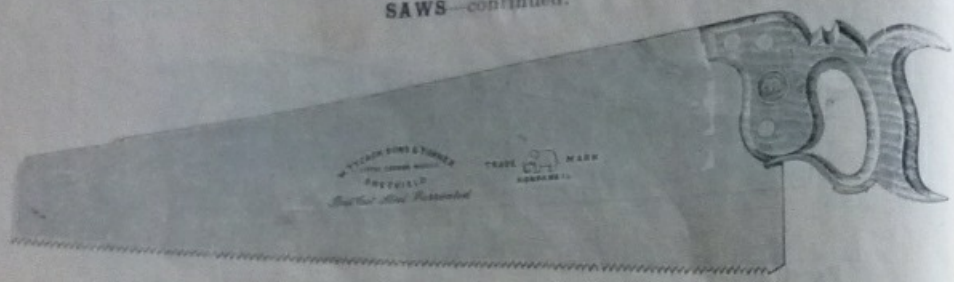


No. 1050

1049.—Disston's Straight Back Handsaw, No. 7 ...	26",	5/9 ea.
1050.—Do. Hollow do. D8	26",	6/9 ,,
1051.—Spear & Jackson's Straight Back, No. 24B ...	26",	4/3 ,,
1052.—Do. do. C.S. Hollow Back, No. 25A ...	26",	5/- ,,
1053.—Do. do. Straight Back, No. 82 ...	26",	5/9 ,,
1054.—Do. do. Hollow Back Silver Steel, No. 87	26",	6/3 ,,

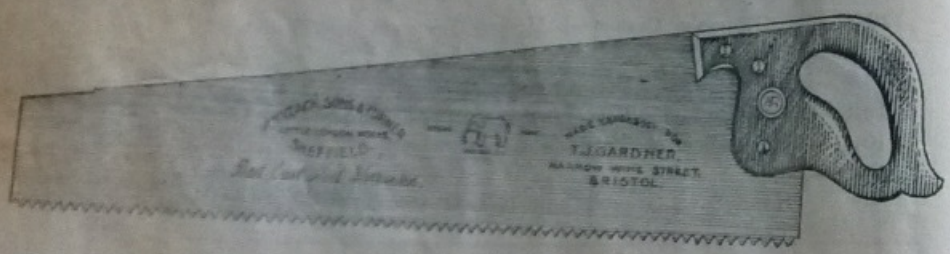
CARRIAGE PAID ON ORDERS OVER 20/-.

SAWS—continued.



No. 1058

	28 in.
Rip and Half-Rip Saws, 28", 2½ to 4 points—	
1055.—T. J. Gardner's Best Cast-steel	**5/3** ea.
1056.—Tyzack, Sons & Turner's Cast Steel	**5/9** ,,
1057.—Disston's Straight Back, No. 7	**7/-** ,,
1058.—Do. Hollow Back, No. D8	**7/6** ,,
1059.—Spear & Jackson's Hollow Back, Cast Steel, No. 25A ...	**6/-** ,,
1060.—Do. do. London Spring, No. 82	**6/9** ,,
1061.—Do. do. Silver Steel, No. 87	**7/3** ,,
1062.—Boys' Cheap C.S. Hand Saws 8", **10d.**; 10", **1/-**; 12", **1/2** ,,	

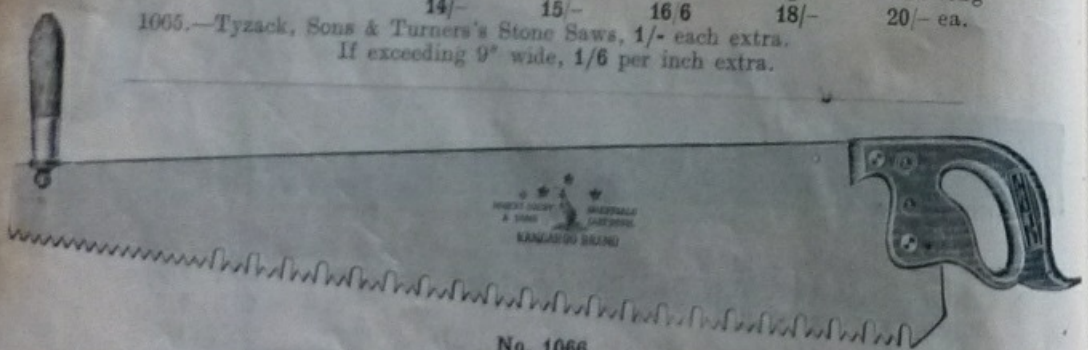


No. 1063

1063.—Masons' Stone Saws, 28", best Cast-steel ... ... **5/3** ea.
1064.—Cast-steel Stone Saws, 9" wide, for one or two men—

5ft.	5½ft.	6ft.	6½ft.	7ft. long
14/-	**15/-**	**16/6**	**18/-**	**20/-** ea.

1065.—Tyzack, Sons & Turners's Stone Saws, **1/-** each extra.
If exceeding 9" wide, **1/6** per inch extra.



No. 1066

1066.—Best C.S. one man Cross-cut Saws, Lightning Tooth, with supplementary handle ... ...

3ft.	3½ft.	4ft.	4½ft.	5ft. long
7/6	**8/6**	**9/6**	**10/6**	**11/6** ea.

SAWS—continued.

No. 1067

1067.—Best quality Cast-steel Two-man Cross-cut Saws, Peg Tooth—

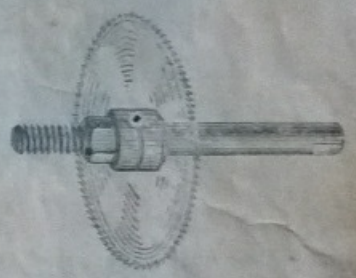
	4ft.	4½ft.	5ft.	5½ft.	6ft.
	8/-	**9/-**	**10/-**	**11/-**	**12/-** ea.
Lightning Tooth ditto.	**9/6**	**10/6**	**11/6**	**12/9**	**14/6** ,,

1068.—Handles for Cross-cut Saws ... ... **1/6** pr.

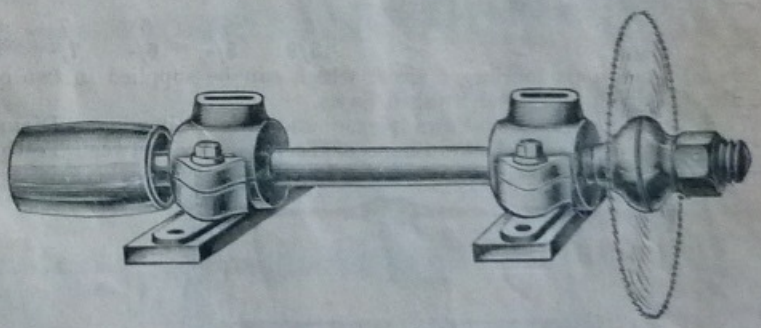
CIRCULAR SAW SPINDLES.

1069.—**Circular Saw Spindles—**

No. 1	2	3	4 in.
5 x ⅜	5 x 7/16	6 x ½	7 x 11/16 in.
1/8	**1/10**	**2/6**	**3/6** ea.



No. 1069



No. 1070

1070.—Steel Spindles, Cast-iron Blocks, Pulley and Flanges, with composition Metal Bearings—

Size ... ... No.	1	2	3	4
Length over all	17	20	23	26 in.
Diameter of Spindle at Saw End	1	1⅛	1¼	1½ in.
Price	**19/6**	**23/6**	**31/-**	**42/-** ea.
If fitted with fast and loose pulleys ...	**22/6**	**27/6**	**36/6**	**48/6** ,,

CARRIAGE PAID ON ORDERS OVER 20/-.

CIRCULAR SAWS.

No. 1071

1071.—Best quality Cast-steel Circular Saws, Machine Ground, Sharpened and Set ready for use—

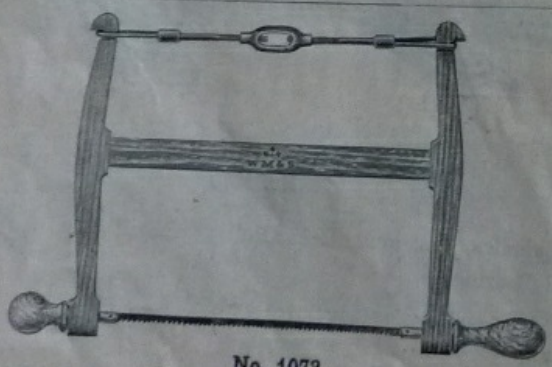
4	5	6	7	8	10	12	14	16	18	20	24 in.
2/3	**2/9**	**3/3**	**3/9**	**4/3**	**5/9**	**6/9**	**8/-**	**10/-**	**12/3**	**14/9**	**18/6** ea.

1072.—Circular Saws for cutting Metal—

4	5	6	7	8 in.
3/9	**5/-**	**6/-**	**7/-**	**8/6** ea.

Special Quotations for larger sizes, which can be supplied in two or three days, also Grooving Saws and Swaged Saws.

When ordering Circular Saws please state the following:—Diameter of Saw; Diameter of Spindle Hole; Shape of Teeth; Space between Teeth.



No. 1073

Bow or turning Saw and Frames—

		10	12	14	16 in.
1073.—Beech Handle	... ...	**3/9**	**4/-**	**4/3**	**4/6** ea.
1074.—Box do.	... ...	**4/-**	**4/3**	**4/6**	**4/9** ,,

SAWS--continued.

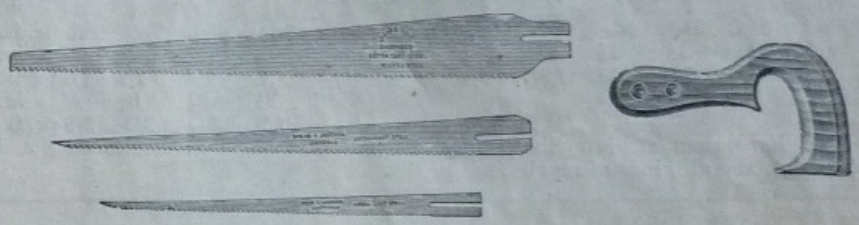
1075.—With String Strainer, Beech Handled—	3/3	3/6	3/9	4/3 ea.
1076.—Ditto ditto Box Handled	3/6	3/9	4/-	4/6 ,,
1077.—Blades for above	3½d.	4d.	4½d.	5½d. ,,

Handles for above, see Nos. 531 to 534.

1078.—Pad Saw Blades	3d.	4½d.	6d. ,,

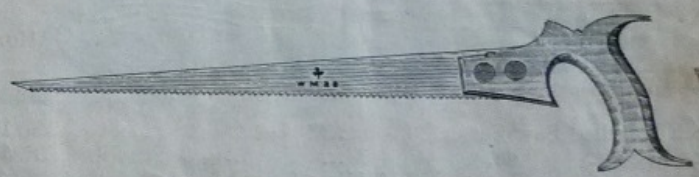
For Handles for above see Nos. 535 to 542.

SPECIAL LINE.



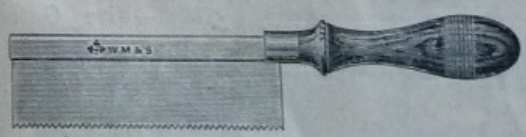
No. 1079.

1079.—Sets of Interchangeable Saws, comprising Keyhole, Compass and Table or Pruning Saw with Handle, 3 Saws in one ... ... 2/6 per set
1080.—Ditto ditto ditto Best Quality ... ... 3/- ,,
1081.—Ditto ditto ditto with Special Blade for Cutting Metal 4/9 ,,
1082.—Extra Blades, Keyhole ... ... 6d. ea.
1083.—Ditto ditto Compass ... ... 9d. ,,
1084.—Ditto ditto Table or Pruning ... ... 1/- ,,
1085.—Extra Handles ... ... 1/6 ,,



No. 1086.

	12	14	16	18 in.
1086.—Best Quality Compass Saws	1/-	1/2	1/3	1/6 ea.



1087.—Small Brass-back Saws.

4	5	6	7 in.
10d.	1/-	1/3	1/6 ea.

No. 1087.

1088.—Chairmakers' Web Saws—

½ x 16	18	20	22	24	26 in.
6d.	7d.	8d.	10d.	1/-	1/2 ea.

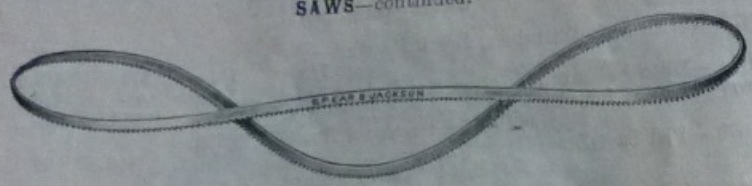
	¾ x 22	24	26 in.
1089.—Chairmakers' Web Saws	1/2	1/4	1/6 ea.

	18	20	22	24 in.
1090.—Butchers' Web Saws	1/2	1/4	1/6	1/8 ea.

	14	16	18	20	22	24 in.
1091.—Butchers' Star Saws	5d.	5½d.	6d.	7d.	8d.	8½d. ea.

Special Prices in dozen lots.

SAWS—continued.



No. 1092.

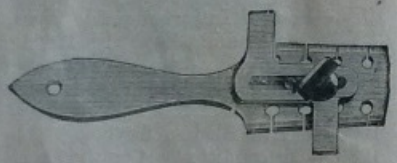
1092.—Superior quality Band Saws, Sharpened, Set and Brazed ready for use—

Width	¼	⅜	½	⅝	¾	⅞	1	1⅛	1¼	1⅜	1½ in.
	3½d.	3½d.	4d.	4½d.	5d.	5½d.	5½d.	6d.	6½d.	7½d.	8d. pr. ft.
Width	1⅝	1¾	1⅞	2	2⅛	2¼	2⅜	2½	2⅝	2¾	3 in.
	9d.	9d.	10d.	11d.	1/-	1/-	1/-	1/2	1/4	1/5	1/7 pr. ft.
Width								3¼	3½	3¾	4 in.
								1/9	2/-	2/3	2/9 pr. ft.

For prices of Saw Sharpening, Setting, Hammering, Regulleting and Brazing, and all kinds of repairs, see p. 135.

SAW SETS.

1093.—Bright Steel ... 6d. ea.
1094.—Bright Steel with Guard 9d. ea.



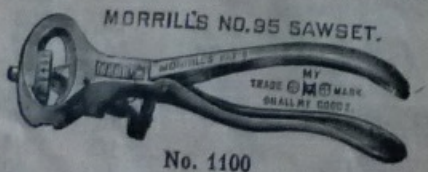
No. 1094.

No. 1095.

1095.—Beech Handled Saw Set	...	...	...	...	...	10d.	ea.
1096.—Box	do.	do.	...	...	...	1/-	,,
1097.—Do.	do.	do.	with Sliding Guard		...	1/6	,,

1098.—Five Gate Pit Saw Set 1/4 1/6 ea.

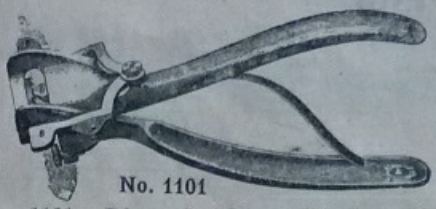
No. 1098



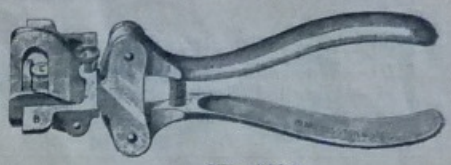
No. 1100

1099.—Morrills' "Pattern" Saw Set, Bright, Old Type	...	...	2/6 ea.
1100.—Do. with Adjustable setting Gauge Wheel	...	...	3/3 ,,

SAW SETS—continued.

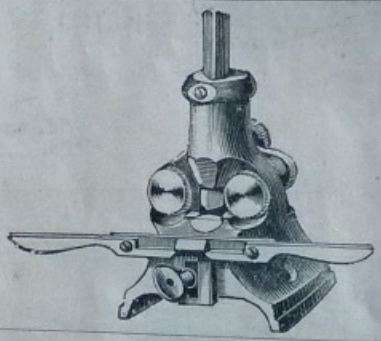


No. 1101



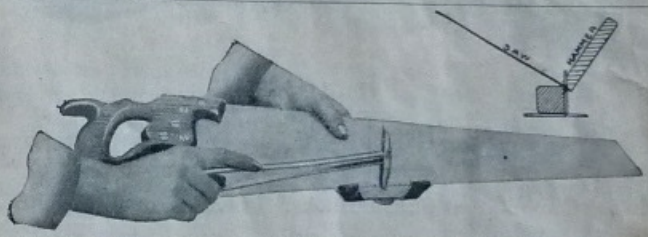
No. 1102

1101.—Disston's "Monarch" Saw Set ... ... **2/6** ea.
1102.—Do. "Triumph" do. ... ... **3/6** ,,



No. 1103

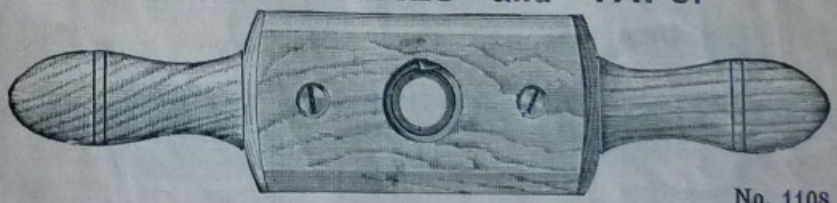
1103—Preston's Patent Punch Saw Sets, made of Brass with Steel Punch, adjustable for all Saws **4/6** ea.



No. 1104.

1104.—Spear and Jackson's Saw Setting Anvil and Hammers, complete with two Handled Hammers ... ... **6/6** set
1105.—Do. do. with 1 Handled Hammer ... ... **5/3** ,,
1106.—Anvil only ... ... **4/6** ea.
1106a.—Cheaper Pattern Saw Setting Anvil, with 1 Hammer ... **3/-** ,,
Saw Setting Hammers, see No. 481.

SCREW BOXES and TAPS.



No. 1108

1107.—Screw Box with Solid Taps (German make)—

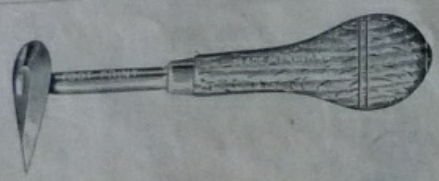
To	½	⅝	¾	⅞	1 in.
	2/3	**2/6**	**2/9**	**3/-**	**3/6** ea.

1108.—Ibbotson's Best Sheffield Make Screw Box and Tap—

To	½	⅝	¾	⅞	1 in.
	3/-	**3/6**	**3/9**	**4/-**	**4/3** a.

SCRAPERS.

	4 x 2½	5 x 2½	6 x 3 in.
1109.—Best quality Cabinet Scrapers ...	4d.	4½d.	5½d. ea.
1110.—Wood Mounted Scrapers ...	...	...	6½d. ,,
1111.—Handled Scrape Sharpeners ...	...	...	6d. ,,
1112.—Yacht Scrapers ...	...	...	1/- and 1/3 ,,



No. 1113

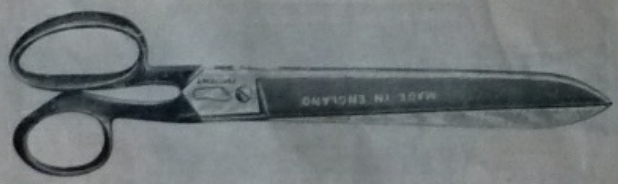
1113.—Shave Hooks, Heart Straight ...	9d. ea.
1114.—Do. do. Bent ...	10d. ,,

No. 1115.

1115.—Shave Hooks, Triangular, Straight ...	9d. ea.
1116.—Do. do. Bent ...	10d. ,,
Yacht Scrapers—	
1117.—Painters' Combination Shave Hooks, 3 Shaves complete with Handle ...	2/3 set
1118.—Do. do. do. 6 Shaves complete with handle ...	3/3 ,,

For Paint Stripping Knives, see No. 558.

SCISSORS.



No. 1120

1119.—Paperhangers' Scissors, best Sheffield make—
10", 3/-; 11", 3/3; 12", 3/6 ea.

1120.—"Footprint" Paperhangers' Scissors—
9", 2/9; 10", 3/3; 11", 3/9 ea.

1121.—Best Sheffield make, Rule marked ... ... 10", 3/9 ea.

1122.—The "Regent" Patent, with Spring between Blades—
10", 3/6; 11", 3/9; 12in", 4/- ea.

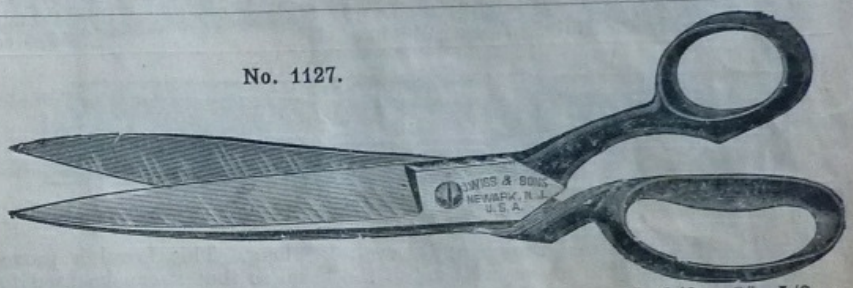
SCISSORS—continued.

No. 1126.

1123.—Upholsterers' Good quality Scissors, English make—	5	5½	6	6½	7	in.
	9d.	**1/-**	**1/3**	**1/6**	**1/9**	**ea.**
1124.—Best quality Sheffield make—	**1/3**	**1/6**	**1/9**	**2/-**	**2/3**	,,
1125.—The "Griffon," Extra Best quality—	**2/3**	**2/6**	**2/9**	**3/-**	**3/6**	,,

1126.—Heavy Upholsterers' Scissors, "Footprint" Brand— 8″, **3/-**; 9″, **3/3** ,,

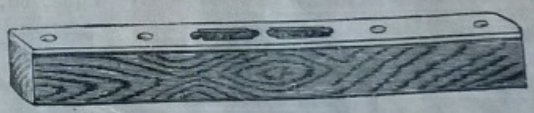
No. 1127.



1127.—Upholsterers' Bent Sheers ... ... 8″, **3/6**; 9″, **4/3** ea.

NOTE.—We have a very large stock of Table Cutlery, Electro-plated Spoons and Forks, Cased Carvers, Pen and Pocket Knives, Scissors of every description, Razors, Safety Razors, Toilet Clippers, etc.—See end of Catalogue.

SPIRIT LEVELS.



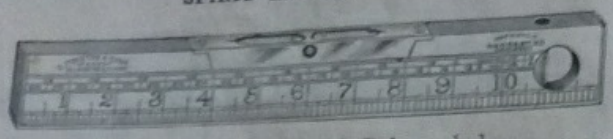
No. 1129.

1128.—Walnut, Brass plated on top—	6	8	9	10	12	in.
	10d.	**1/-**	**1/2**	**1/3**	**1/5**	ea.
1129.—Walnut, Brass-plated top, tipped bottom—	**1/-**	**1/2**	**1/4**	**1/5**	**1/8**	,,

No. 1131.

1130.—Ebony, light-plated top, tipped bottom, round end—	8	9	10	12	in.
	1/9	**2/-**	**2/3**	**2/6**	ea.
1131.—Ebony, heavy-plated top, tipped bottom, round end—	8	9	10	12	in.
	2/3	**2/6**	**2/9**	**3/3**	ea.
1132.—Ebony, as above, with protecting slide to tube—	8	9	10	12	in.
	3/3	**3/6**	**3/9**	**4/3**	ea.

SPIRIT LEVELS—continued.



No. 1133.

1133.—Masons' Boxwood Plumb and Level, Rule marked—

6	8	9	10	12 in.
1/9	1/10	2/-	2/3	2/6 ea.

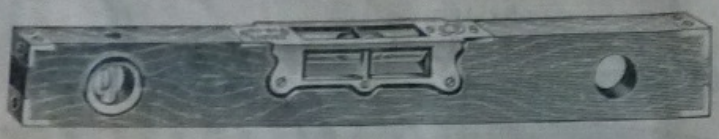
1134.—Rosewood Boat Plumb and Level, plated top, tipped bottom—

6	8	9	10	12 in.
1/4	1/6	1/9	2/3	2/6 ea.

1135.—Best Brass-plated Plumb and Level—
8", 2/-; 10", 2/6; 12", 3/- ea.

1136.—Best Brass-plated Plumb and Level, with Field Sight—
8", 3/-; 10", 3/6; 12", 4/- ea.

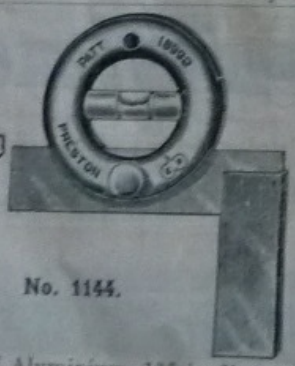
1137.—Patent Adjustable Plumb and Level, Mahogany, brass tipped ends. Specially for Builders' use, 24" long ... ... 5/6 ea.



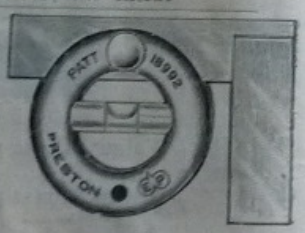
No. 1139

1138.—Preston's Improved Plumb and Level, 18" long. This Level is proved or tested on the top as well as on the base, so that it can be used for testing from the top, where it is not possible to put the level on its base. Made in Mahogany ... ... 6/- ea.
1139.—Same as 1138, Brass tipped top and bottom ... ... 6/9 ,,
1140.—Brass Pocket Level in Wood case ... ... 1/- ,,
1141.—Nickel-plated Pocket Level, 3" long ... ... 1/9 ,,
1142.—Rule-marked Pocket Level, Boxwood ... ... 6d. ,,
1143.—Brass-plated Ebony Pocket Level ... ... 1/- ,,
Any Level may be had fitted with Cat's Eye Tube, 6d. extra.

No. 1144.



No. 1144.



No. 1144.

This Level is made of Aluminium, 1¼" in diameter and round in section, with top and bottom grooves.

It is specially adapted for carrying in the vest pocket, weighing only one ounce, and is very readily attached to a square or a straight steel rule of any length. If attached by the bottom groove to a straight steel rule, it may be used as an ordinary level, or by the top groove as a soffit level for overhead work, or it may be attached to a square, and will then form a plumb level. (See Drawings above).

1144.—Level only ... ... 2/- ea.
1145.—Level in case ... ... 2/6 ,,

LEVEL TUBES.

No. 1146.

6.—Best Proved Tubes, ¼", 5/16", or ⅜" diameter—

To 2	3	3½	4	5	6 in.
3d.	4d.	4½d.	5d.	6d.	8d. ea.

7.—Best Proved Tubes, Wood's Patent, Cat's Eye—

To 2	3	3½	4	5	6 in.
6d.	7d.	9d.	10d.	1/-	1/2 ea.

SPOKESHAVES.

No. 1148.

8.—Beechwood Spokeshaves, with best quality Irons—

1½	1¾	2	2¼	2½	2¾	3	3½	4 in.
9d.	9d.	9d.	9d.	9d.	10d.	11d.	1/-	1/3 ea.

9.—Boxwood do. do. do.

1/1	1/1	1/1	1/1	1/1	1/3	1/3	1/5	1/7 ea.

0.—Boxwood, Brass-plated Face—

2¼", 1/3; 2½", 1/3; 2¾", 1/6; 3", 1/6 ea.

1.—Beechwood, 2½" Concave or Convex Face ... ... 1/- ea.

2.—Boxwood do. do. ... ... 1/6 ,,

No. 1153.

3.—Japanned Iron Spokeshave, 2½" iron; plain, 1/-; adjustable from 1/3 ea.

4.—Do. do. Convex or Concave ... ... 1/6 ,,

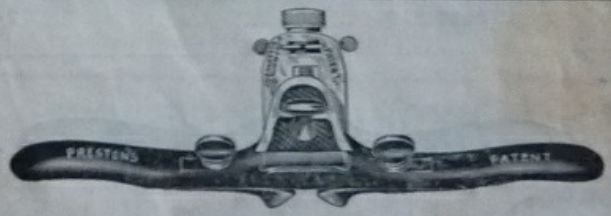
No. 1157.

Preston's Patent Adjustable Iron Spokeshaves, Raised Handles—

5.—Black Japanned, 2" Iron, Round or Flat Face ... ... 2/3 ea.

6.—Nickel-plated, 1½" Iron do. do. do. ... ... 2/6 ,,

7.—Do. do. 2" Iron do. do. do. ... ... 2/9 ,,



No. 1158.

.—Improved Iron Chamfering Shave. Fences are adjustable from ¼" to 1½" 3/- ea.

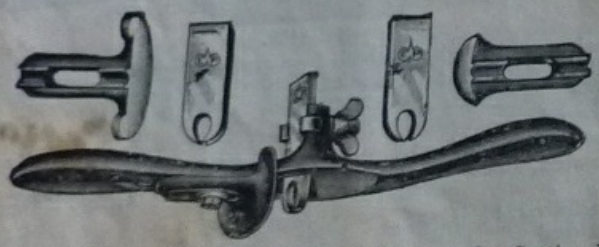
.—Improved Circular Rabbeting and Fillister Router, with two pairs of adjustable fences ... ... 2/9 ea.

SPOKESHAVES—continued.

No. 1160.

1160.—Improved Circular Sash Router Ovolo to work either $\frac{1}{2}''$, $\frac{5}{8}''$, or $\frac{3}{4}''$— 3/6 ea.
1161.—Do. do. do. Lamb's Tongue ... ... 3/6 ,,
These Routers can be made to any mouldings at slightly extra charge.
1161a.—Do. do. Square or equal Ovolo Router—

$\frac{1}{4} \times \frac{1}{4}$	$\frac{3}{8} \times \frac{3}{8}$	$\frac{1}{2} \times \frac{1}{2}$	$\frac{5}{8} \times \frac{5}{8}$	$\frac{3}{4} \times \frac{3}{4}$ in.
3/9	4/-	4/3	4/6	4/9 ea.



No. 1162.

1162.—Improved Circular Quirk Router with 3 Fences and 1 Cutting Iron—
$3/32''$, $\frac{1}{8}''$, $\frac{3}{16}''$ (Fences are adjustable from $\frac{1}{2}''$ to $3''$) ... 3/6 ea.
1163.—Do. do. with Adjustable Irons ... ... 4/6 ,,

No. 1164.

No. 1165.

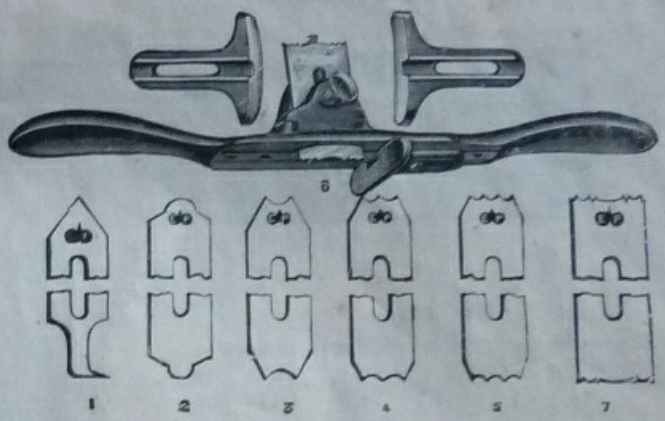
1164.—Motor Body Makers' Jigger or Grooving Router Fitting; made of Steel, and is a very handy little tool for cutting grooves for metal panels. It has 4 screw holes, and may be screwed into any wooden handle or holder ... ... 2/9 ea.
1165.—Exactly similar, with longitudinal slot, which gives clearance for shavings and prevents choking and consequent breaking ... ... 3/3 ea.
1166.—Ditto if handled ... ... 2/- each extra.

No. 1167.

1167.—Circular Bead Routers—

$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1 in.
3/-	3/3	3/3	3/6	3/6	3/9	4/-	4/3	4/6 ea.

SPOKESHAVES—continued.

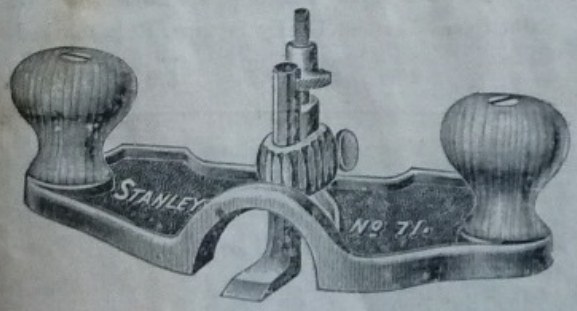


No. 1168.

1168.—Preston's Hand Reeder, 14 Cutters, 3 Fences ... ... **4/6** ea.
1169.—Preston's small Reeder, 6 Cutters, 1 Fence ... ... **2/-** ,,
1170.—Stanley Hand Reeder, 14 Cutters, 2 Fences ... ... **3/6** ,,

No. 1171.

1171.—Preston's Patent Adjustable Lining Router, with 6 Cutters, $\frac{1}{16}''$ to $\frac{3}{8}''$— **3/-** ea
1172.—Preston's Grooving or Depthing Router ... ... **2/6** ea.



1173.—Stanley Adjustable Router with 2 Irons, $\frac{1}{4}''$ $\frac{1}{2}''$ ... ... **5/3** ea
1174.—Do. do. with Adjustable Depth Gauge and 2 Irons $\frac{1}{4}''$ and $\frac{1}{2}''$— **6/3** ea.

No. 1173.

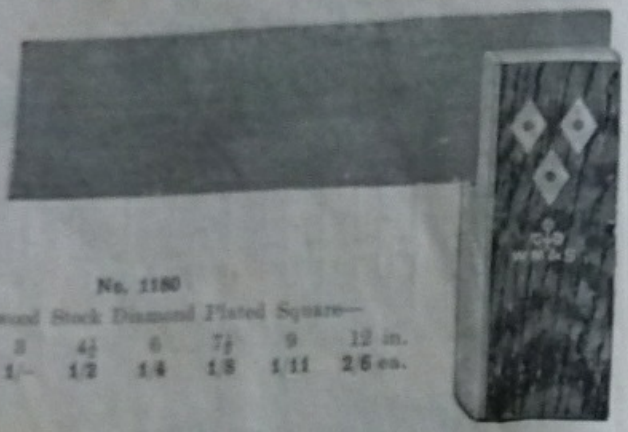
For Coachmakers' Routers see Nos. 794 to 804.

SPOKESHAVE IRONS.

	Up to	$2\frac{1}{2}$	$2\frac{3}{4}$	3	$3\frac{1}{2}$	4 in.
1175.—Light Joiners' ...	...	**$4\frac{1}{2}$d.**	**$5\frac{1}{2}$d.**	**$5\frac{1}{2}$d.**	**$6\frac{1}{2}$d.**	**8d.** ea.
1176.—Chairmakers', $\frac{3}{4}''$ wide	...	**$6\frac{1}{2}$d.**	—	**7d.**	**8d.**	— ,,
1177.—Do. Bent	...	**$7\frac{1}{2}$d.**	—	**9d.**	**10d.**	— ,,
1178.—Do. 1″ wide	...	—	—	**11d.**	**1/-**	— ,,
1179.—Do. Bent	...	—	—	**1/-**	**1/1**	— ,,

CARRIAGE PAID ON ORDERS OVER 20/-.

SQUARES.



No. 1180

1180.—Best Rosewood Stock Diamond Plated Square—

3	4½	6	7½	9	12 in.
1/-	1/2	1/4	1/8	1/11	2/6 ea.

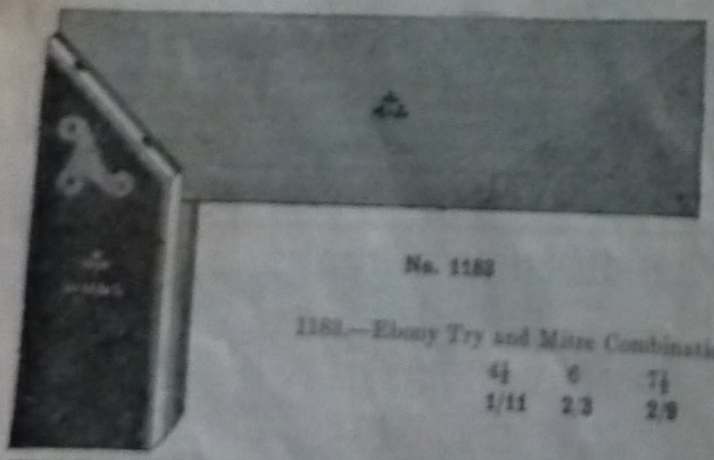
No. 1181

1181.—Best Ebony Stock Shield Plated Square—

3	4½	6	7½	9	12	15	18	24 in.
1/3	1/4	1/6	1/10	2/3	3/-	4/9	5/9	8/6 ea.

1182.—Solid Brass Framed Ebony Square, Rule marked Blade—

4½	6	7½	9	12 in.
2/2	2/6	3/-	3/9	4/9 ea.

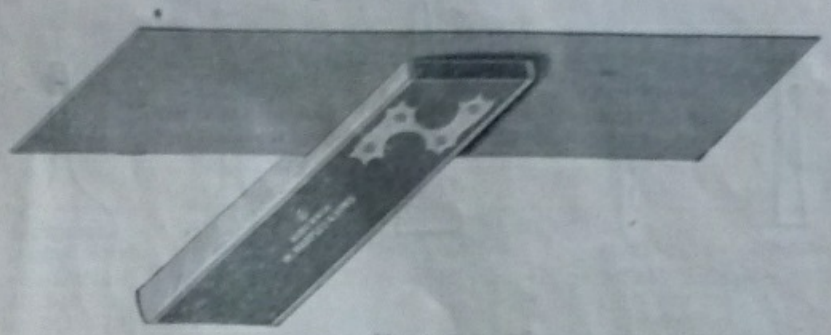


No. 1183

1183.—Ebony Try and Mitre Combination Squares—

4½	6	7½	9	12 in.
1/11	2/3	2/9	3/3	3/9 ea.

SQUARES—continued.



No. 1185

1184.—Rosewood Mitre Squares Diamond Plated—

8	10	12	14	16 in.
2/-	2/4	2/8	3/3	3/10 ea.

1185.—Ebony do. do. Shield Plated—

3/-	3/6	4/-	4/9	5/3 ,,

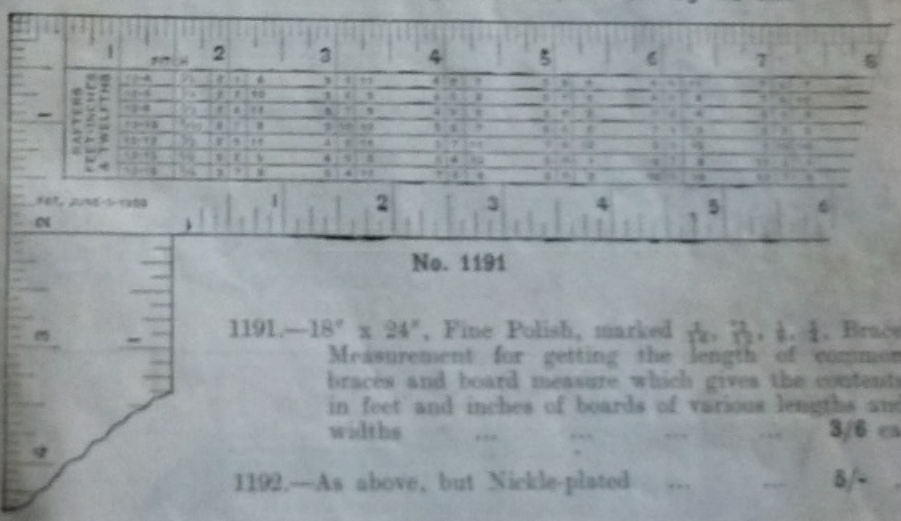
1186.—Best Handled Sash Squares, 2½" blade ... ... 1/2 ea.
1187.—Coachmakers' Gun-metal Handle Horizontal Steel Square ... 4/6 ,,
1188.—Masons' Iron Squares, rule marked—
24" x 12", 1/4; 24" x 18", 1/9 ea.
1189.—Glaziers' T Squares, Best Boxwood—

24	30	36	42	48	52 in.
1/9	2/-	2/3	2/9	3/6	4/3 ea.

1190.—Glaziers' T Squares, Best Brass-plated Stocks —

24	30	36	42	48	52 in.
2/6	3/-	3/3	3/9	4/3	5/- ea.

AMERICAN STEEL SQUARES, 24 in. by 18 in.



No. 1191

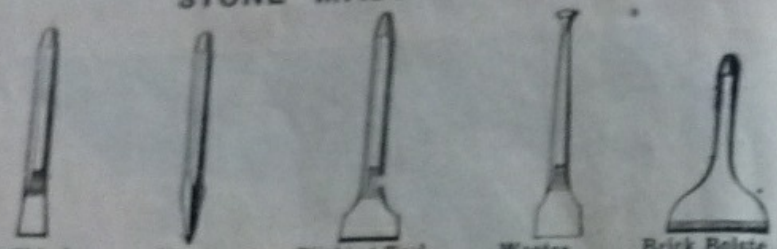
1191.—18" x 24", Fine Polish, marked $\frac{5}{16}$, $\frac{7}{16}$, $\frac{1}{2}$, $\frac{9}{16}$. Brace Measurement for getting the length of common braces and board measure which gives the contents in feet and inches of boards of various lengths and widths ... ... 3/6 ea.

1192.—As above, but Nickle-plated ... ... 5/- ,,

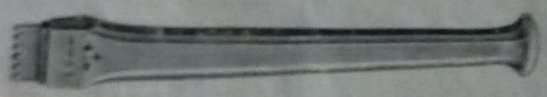
1193.—18 x 24in., Fine Polished, marked $\frac{5}{32}$, $\frac{7}{32}$, $\frac{9}{32}$, $\frac{11}{32}$, $\frac{1}{2}$, $\frac{9}{16}$in., with Brace Measure, Essex's board measure, $\frac{1}{100}$ scale, and octagon. Eight square scale used for laying off lines to cut an octagon stick of timber from a square one 5/6 ea.

1194.—As above, but Nickle-plated ... ... 6/6 ,,

STONE MASONS' TOOLS.



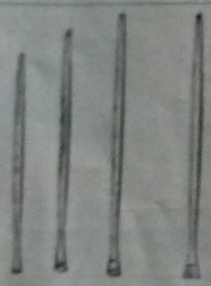
1195.—Masons' Mallet or Hammer Headed Chisels, Claw Tools, and Wasters. Best quality steel ... ... 8½d. lb.
1196.—Brick Bolsters ... ... 4", 1/3; 4½", 1/6 ea.



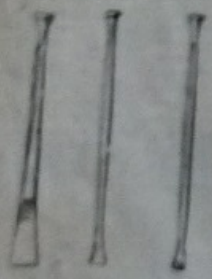
No. 1197

1197.—"Axe" Claw Tools with 3 best quality Steel Cutters— 1", 1/1; 1½", 1/4; 2", 1/6 ea.
1198.—Extra Cutters ... ... 2d. ea.; 1/6 doz.

1199.—Lettercutters' Tools, best quality, 7d. ea.; 6/- per doz Any pattern same price.



No. 1199

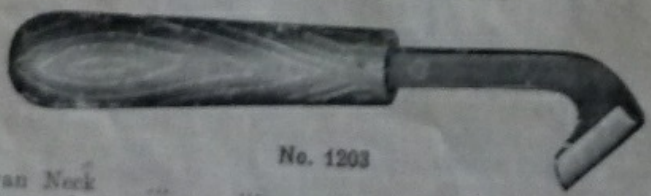


No. 1200

1200.—Sculptors' Tools. Gouges and Chisels to ¾" ... 7d. ea., 6/- doz.
1201.—Claw Tools ... 9d. ea.
1202.—Mitreing Tools ... ... 1/3 ,,

All above are best quality and finish, undoubtedly the finest Sculptors' Tools obtainable.

TIMBER SCRIBES.



No. 1203

1203.—Swan Neck ... ... 1/5 ea.
1204.—Do. do. Folding like knife for pocket ... ... 2/2 ,,

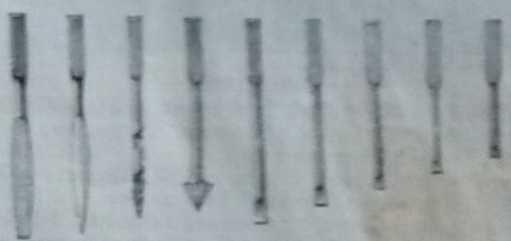
NARROW WINE STREET, BRISTOL.

TIMBER SCRIBES—continued.

No. 1205

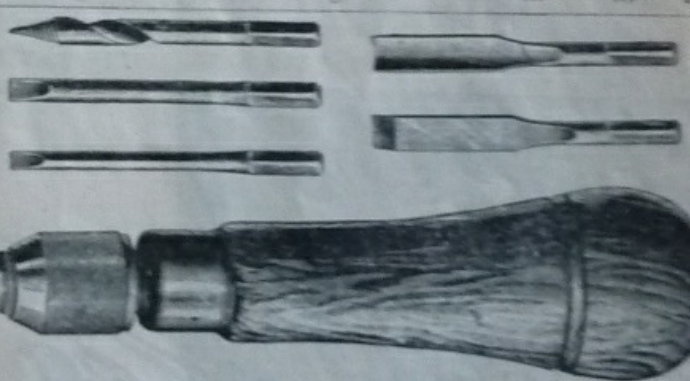
1205.—Size ...	⅝	¾	⅞	1	1	1¼	1½ in.
To work circle ...	1	1¼	1½	1¾	2	2½	3 "
	2/-	2/3	2/6	2/9	3/-	3/3	3/9 ea.

TOOL PADS.



No. 1206

1206.—Boxwood Handle, 10 best quality Tools	1/6 ea.
1207.—Rosewood do. do. do.	2/6 "
1208.—"Henri" Solid Rosewood Handle with 12 best quality Tools	3/- "
1209.—Do. do. do. Large size	4/3 "



No. 1210

1210.—Goodell Pratt Rosewood Handle with 10 best quality Tools ...	3/6 ea.
1211.—Do. do. do. 8 large size Tools ...	5/6 "
1212.—Do. do. do. 9 do.	6/- "

CARRIAGE PAID ON ORDERS OVER 20/-.

TOOL SETS.

1213.—Tool Set in Leather Case, 5 best quality Tools and Handle ... 4/6 ea.
1214.—Tool Set in Leather Case and 6 best quality Tools and Handle 6/6 ,,
The "Bonza" Tool Sets in Leather Case with best quality Tools— ... ... 10/6 set
1215.—10 Tools and Handle in case (999) ... ... 11/6 ,,
1216.—11 do. do. (1000) ... ... 12/- ,,
1217.—12 do. do. (1001) ... ... 14/6 ,,
1218.—14 do. do. (1002) ... ... 26/- ,,
1219.—18 do. do. (1003) ... ... 26/- ,,

Very useful for Motorists and for General Household purposes.

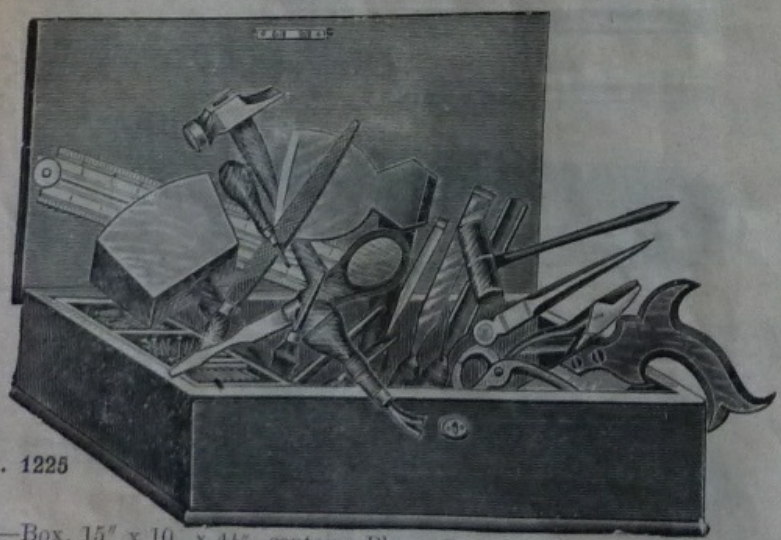
Teach your Boys

To Become Practical

No. 1222

The "Empire" Tool Sets. British Made Tools.

1220.—Box, contains Saw, Chisel, Hammer, Turnscrew, 12" Rule, Gimlet, Bradawl, Book of Instructions ... ... 2/9 set
1221.—Box, contains Saw, Chisel, Hammer, File, Turnscrew, Bradawl, 2 Gimlets, 12" Rule, Mallet, Book of Instructions ... ... 3/9 set
1222.—Box, contains Saw, Chisel, Turnscrew, 2 Gimlets, 2 Bradawls, Hammer, Rule, File, Mallet, Pliers, Nail-lifter, Book of Instructions... 5/3 set
1223.—Polished Wood Box, contains Plane, Square, Saw, Gauge, Chisel, Pincers, Spokeshave, Hammer, Gimlet, Awl, Rule, Pencil, Assortment Nails and Screws ... ... 6/6 set
1224.—Polished Wood Box, contains Plane, Rule, Saw, Gauge, Square, Chisel, Pincers, Spokeshave, Hammer, Pencil, Turnscrew, Gimlet, Bradawl, Nails and Screws ... ... 9/- set



No. 1225

1225.—Box, 15" x 10 x 4½", contains Plane, Saw, 2 Chisels, Nails and Screws, Square, Gimlet, 2 Awls, Punch, pr. Pincers, Hammer, 2-ft. Rule, Marking Gauge ... ... 11/6 set

TOOL SETS—continued.

1226.—Box, 18″ x 12″ x 6″, contains Smooth Plane, Tenon Saw, 2 Chisels, 2 Gimlets, 2 Awls, pr. Pincers, Square, Gouge, Hammer, Turnscrew, Marking Gauge, Rule, Assortment of Nails, Screws, etc. ... **16/6** set

1227.—Box, 20″ x 12″ x 6″, contains Smooth Plane, Tenon Saw, 2 Chisels, Gouge, Marking Gauge, Punch, Square, 2 Gimlets, 2 Awls, pr. Pincers, Spokeshave, Axe, Hammer, Brace, 3 Centre Bits, Turnscrew, Rule, Nails and Screws ... ... **22/-** set

1228.—Box, 24″ x 13½″ x 7″, contains Jack Plane, Smooth Plane, Tenon Saw, set Compass Saws, 3 Chisels, Nails and Screws, Gouge, Square, Bevel, 2 Gimlets, Awl, Marking Gauge, pr. Pincers, Hammer, Turnscrew, Brace, 3 Bits, Punch, Rule ... ... **32/6** set

1229.—Box, 30″ x 14″ x 9″, contains Jack Plane, Smooth Plane, Hand Saw, Tenon Saw, set of Compass Saws, Rule, Marking Gauge, 4 Chisels, 2 Gouges, Square, Spokeshave, 3 Gimlets, 3 Awls, Turnscrew, pr. Pincers, Hammer, Mallet, Axe, Brace, 4 Centre Bits, Countersink Bit, Nails and Screws ... ... **45/-** set

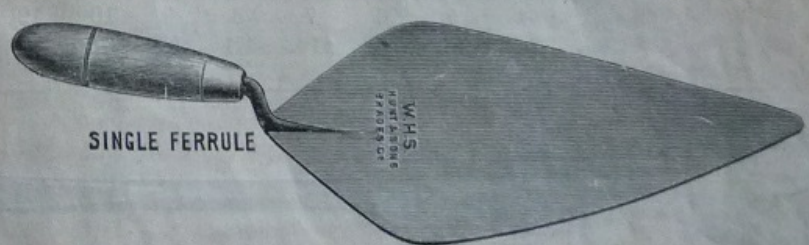
T. J. GARDNER quotes special prices for Sets of Tools suitable for Manual Training Classes. Enquiries from Technical Institutions and Colleges respectfully solicited.

1230.—**SPECIAL OFFER TO APPRENTICES, £2 2s. OUTFIT for 35/-**

26″ Best Cast-steel Handsaw
14″ Best C.S. Tenon Saw
2¼″ x 17″ Jack Plane
2½″ x 22″ Trying Plane
2¼″ Smooth Plane
6 Handled Firmer Chisels (⅛″ to 1¼″)
Mikado Oilstone
Brass Bottom Oilcan
6″ Rosewood Square
7½″ Rosewood Bevel
2½″ Beechwood Spokeshave
4 Gimlets (assorted)
4 Bradawls (assorted)
No. 5 Handled Hammer
Pr. 7″ Pincers
Brad Punch
30″ Lined Basket
2-ft. four-fold Rule
7″ London Turnscrew

Above Tools are all Warranted Superior Quality and Best Finish, and are sent out at this special price simply to introduce my Tools to Apprentices and others.

TROWELS.



No. 1232

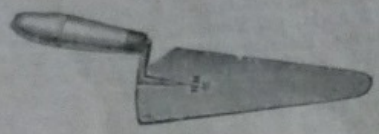
W. Hunt and Son's Best Cast-steel Trowels—

1231.—Pointing ...	5	5½	6	6½	7	7½	8	in.
	1/1	**1/2**	**1/4**	**1/6**	**1/7**	**1/8**	**1/9**	ea.
1232.—Brick			9	10	11	12	13	in.
			2/2	**2/4**	**2/6**	**2/8**	**3/1**	ea.

1233.—Capped Brick Towels, **2d.** each extra.

CARRIAGE PAID ON ORDERS OVER 20/-.

TROWELS—continued.

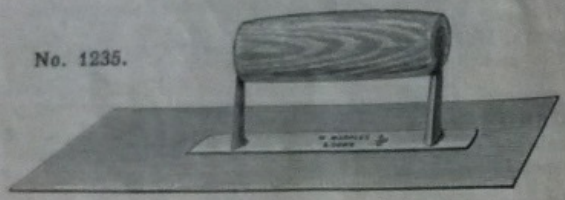


No. 1234

1234.—W. Hunt and Son's Best Cast-steel Gauging Trowels—

6	7	8	9	10 in.
1/7	1/8	1/10	2/1	2/3 ea.

No. 1235.



1235.—W. Hunt and Son's or Tyzack's Plastering Trowels, 11" x 4½". Single Hang, Improved front Strap ... ... 2/6 ea.
1236.—Double ditto ... ... 2/9 ,,
1237.—Plasterers' Small Tools, Assorted Patterns ... 1/-, 1/1, 1/2 ,,
Special List of Monks' Celebrated Moulders' Tools on application.

TURNSCREWS.

No. 1238

1238.—Best C.S. Bright London Pattern, Beech Handled Turnscrew—

3	4	5	6	7	8	9	10	12 in.
6d.	7d.	8d.	9½d.	11d.	1/1	1/3	1/6	2/- ea.

No. 1239

1239.—Best Worked Oval Boxwood Handled Turnscrew—

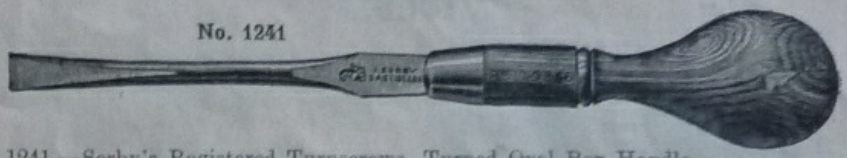
3	4	5	6	7	8	9	10	12 in.
1/-	1/-	1/2	1/4	1/7	1/11	2/1	2/4	2/9 ea.

1240.—Do. do. do. Beech Handled Turnscrew—

8d.	9d.	10d.	1/-	1/2	1/4	—	—	— ,,

TURNSCREWS—continued.

No. 1241



1241.—Sorby's Registered Turnscrews, Turned Oval Box Handle—

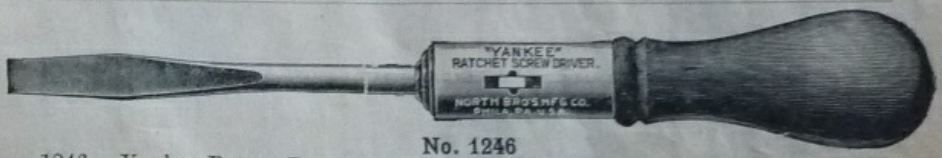
3	4	5	6	7	8	9	10 in.
6d.	**7d.**	**9d.**	**1/-**	**1/2**	**1/4**	**1/8**	**2/-** ea.

Do. do. with thin Blades for Electricians, same prices.
1242.—Extra Wide Blade Motorists' Turnscrew ... ... **1/-** ea.
1243.—Thin Blade Electricians' Turnscrew, Rosewood Handle—

3	4	5	6 in.
5d.	**6d.**	**7d.**	**8d.** ea.

No. 1244

1244.—Yankee Reversible Spiral Ratchet Turnscrews, with three different sized Bits ... ... No. 30, **5/3**; No. 31, **7/3** ea.
1245.—Do. do. Small Size, No. 20 ... ... **3/9** ,,



No. 1246

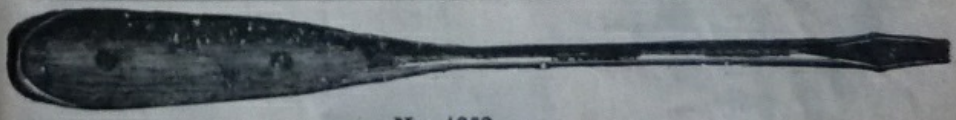
1246.—Yankee Patent Ratchet Turnscrews, No. 10—

2	3	4	5	6 in.
1/3	**1/6**	**1/8**	**1/10**	**2/-** ea.

1247.—Yankee do. do. with Thin Blades for Electricians, No. 15 ... ... **3", 1/8; 4", 1/10; 5", 2/-; 6", 2/2** ea.

No. 1248

1248.—Goodell Pratt Pocket Screwdriver with 3 Blades and 1 Reamer. Nickel-plated ... ... **2/-** ea.
1249.—Goodell Pratt Spring Pocket Screw Driver with 1 Steel Blade, Nickel-plated ... ... **2/-** ea.
1250.—Starret's Pocket Screwdrivers ... ... **1/-** and **1/6** ea.
1251.—Do. Combination Pocket Screwdriver with 4 Blades ... **3/6** ea.

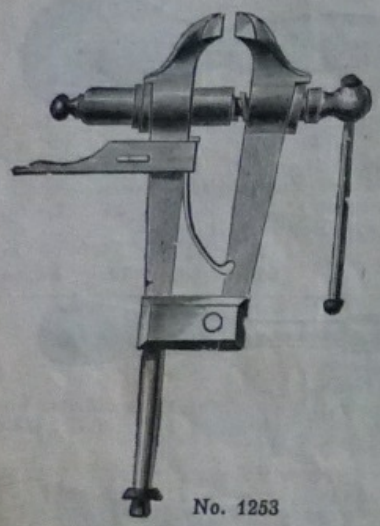


No. 1252

1252.—The Perfect Handle Screwdriver. drop forged—

4	5	6	7 in.
1/3	**1/6**	**1/9**	**2/-** ea.

VICES.



No. 1253

1253.—Best Warranted Staple Vices with solid Boxes ... **5d.** lb.

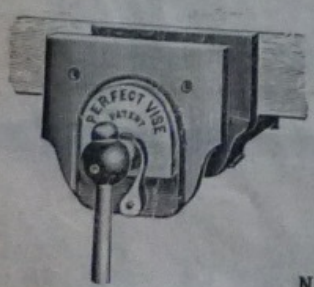
Average weights of above with—

3	3½	4	4½	5 in. jaws.
45	50	58	74	85 lbs.
18/9	**20/10**	**24/2**	**30/10**	**35/5** ea.

No. 1254

1254.—Handy Parallel Vices with Steel Jaws—

Nos.	00	0	1	2	3	4	5
Width of Jaw ...	2¼	2½	3	3½	4	4½	5 in.
Opens	2	2¾	3¼	4	4¾	5½	6½ ,,
Price	**5/3**	**6/-**	**7/3**	**10/9**	**15/-**	**21/6**	**30/-** ea.



No. 1255

1255.—Parkinson's "Perfect" Instantaneous Vices with Steel Rack and Machine-cut Teeth—

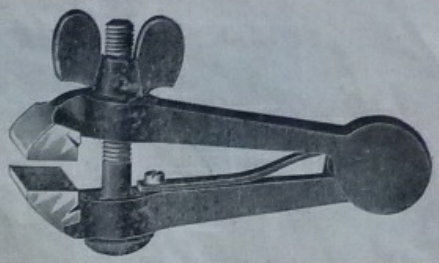
7″	9″	10½ jaws
12/-	**16/-**	**18/6** ea.

Special Quotation for Large Quantities on Application.

VICES—continued.

1256.—Hand Vices—
2/- 2/3 2/6 ea.

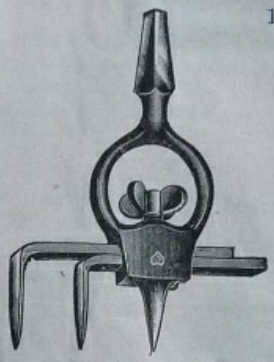
Ditto Handled
3/6 4/6 5/6 ,,



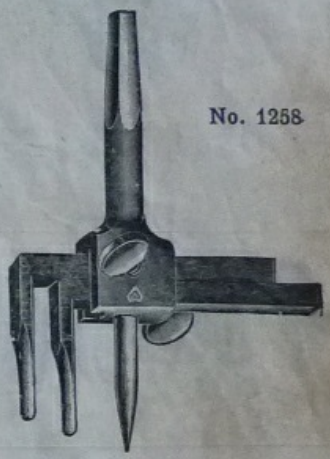
No. 1256

WASHER CUTTERS.

1257.—Best Quality with 2 Cutters to fit Brace ... ... 1/9 ea.



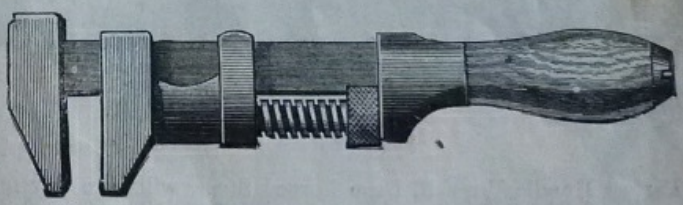
No. 1257



No. 1258

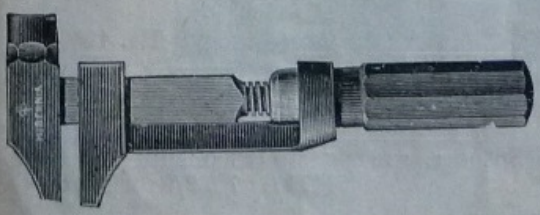
1258.—Best quality with 2 Cutters to fit in Brace, will cut up to 6″ ... 4/6 ea.
1259.—Do. do. do. will cut up to 10″ ... ... 5/6 ea.

WRENCHES.



No. 1260.

1260.—Wood Handled American Wrenches—
8″, 1/-; 9″, 1/2; 10″, 1/4; 12″, 1/8 ea.

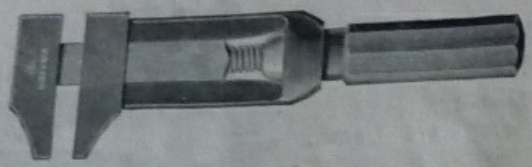


1261. — Best Sheffield Coach Wrench, Single Bar—
8″, 2/9; 9″, 3/3; 10″, 3/6; 12″, 4/6 ea.

No. 1261.

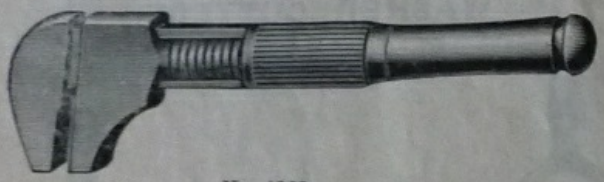
CARRIAGE PAID ON ORDERS OVER 20/-.

WRENCHES—continued.



No. 1262

1262.—Sheffield make Coach Wrench, Double Bar—
8", 5/-; 9", 5/6; 10", 6/-; 12", 6/6 ea



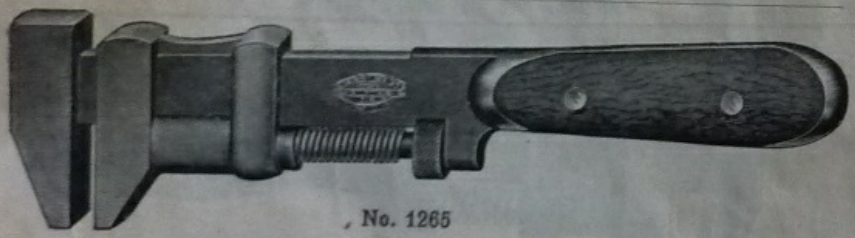
No. 1263

1263.—The "Palmer" Railway Wrench, Warranted Forged Steel Jaws. Suitable for Motorists—

6	7	8	9	10 in.
4/9	5/6	6/-	6/6	7/- ea.

1264.—The "Footprint" Pipe Grip or Wrench—

5¾	7	9	12	14	16 in.
11½d.	1/1	1/5	2/3	2/10	4/9 ea



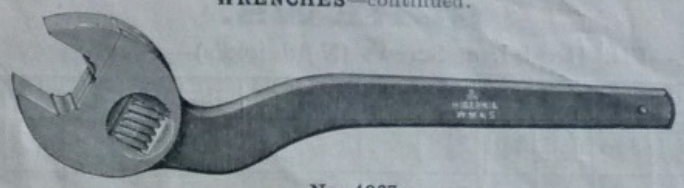
No. 1265

1265.—The Perfect Handle Wrench, Drop Forged Steel, will turn any nut—
6", 2/-; 8", 2/6; 10", 3/-; 12", 3/6 ea.

No. 1266

1266.—The "Footprint" Shifting Spanner, wrought steel, hardened and tempered jaws ... ... 5¾", 2/-; 7", 2/9; 9", 3/6 ea.

WRENCHES—continued.



No. 1267

1267.—Best quality "Clyburn" Spanners—

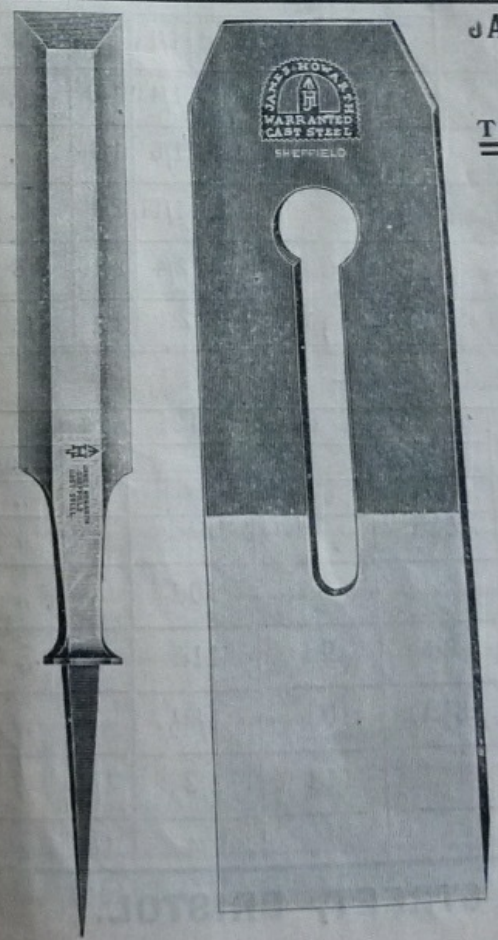
6	8	10	12	15	18	21 in.
2/6	3/-	3/6	4/6	5/-	5/9	6/9 ea.

WOOD for Fretwork or Carving.

Best Selected, Planed on both sides, and free from knots.

	$\frac{1}{16}$	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{3}{4}$	1 in.
1268—Satin Walnut ...	3d.	3d.	4d.	4½d.	6d.	7d.	8d.	9d. ft.
1269.—Dark do. ...	4½d.	5½d.	7d.	7½d.	9d.	10d.	1/-	1/2 ,,
1270.—Mahogany ...	4½d.	4½d.	5d.	6d.	7½d.	9d.	11d.	1/1 ,,
1271.—Oak, figured ...	4d.	5d.	6d.	7d.	8d.	9½d.	1/-	1/2 ,,
1272.—White Maple ...	3d.	3½d.	5d.	5½d.	7d.	8d.	10d.	1/- ,,
1073.—White Holly ...	8d.	8½d.	8½d.	10d.	—	—	—	— ,,
1274.—Sycamore ...	5d.	5d.	6d.	7d.	—	—	—	— ,,
1275.—Cedar ...	4½d.	4½d.	5d.	6d.	—	—	—	— ,,
1276.—Canary Wood ...	3d.	3d.	3½d.	4d.	5d.	6d.	7d.	8d. ,,

Above prices are for Wood up to 12 inches wide.



JAMES HOWARTH & SONS

SHEFFIELD.

THE **TRADE**

ONLY SUPPLIED.

TOOLS. SAWS.

CORPORATE MARK. CORPORATE MARK.

FILES. STEEL.

If you are experiencing any difficulty with regard to the quality of the make of Tools you are buying, we shall be pleased to hear from you.

While we do not wish to say anything against other makes, we know the quality of our own, and are CERTAIN that NO BETTER TOOLS can be produced.

Sold and Warranted by

T. J. GARDNER,

Narrow Wine Street, Bristol.

SCREWS.

1277.—Flat Head Iron Screws (Nettlefold's)—

B.W.G. No.	0	1	2	3	4	5	6	8	10	12	14	16	18
¼in	3½d	3½d	3½d	3½d	3½d								pr. gr.
⅜in	3½d	3½d	3½d	3½d	3½d								,,
½in	3½d	3½d	3½d	3½d	3½d	4d	4½d	5d	5d	5½d			,,
⅝in			4d	4d	4d	4d	4½d	5½d	6d	6½d			,,
¾in			4d	4d	4d	4½d	5d	5½d	6d	7d	9d		,,
⅞in					4½d	5d	5½d	6d	7d	8d	10d		,,
1in					5d	5½d	5½d	6d	7d	8d	10d		,,
1¼in					6d	6d	7d	7½d	8½d	10d	1/–		,,
1½in							7d	8d	8½d	10d	1/–		,,
1¾in								9d	9½d	11d	1/1		,,
2in								9½d	10½d	1/1	1/4	1/6	,,
2½in									1/1	1/4	1/6	1/9	,,
3in										1/8	1/11	2/4	,,
3½in											2/4	2/10	3/8
4in												3/3	4/-

1278.—Japanned Round Head Screws—

B.W.G. No.	4	6	8	10	12	14	
½in.	4d	5d					pr. gr.
⅝in.		5d	6d	6½d			,,
¾in.		6d	6½d	7d	8½d		,,
1in.			7d	8d	10d		,,
1¼in.			8d	9d	11d		,,
1½in.			8½d	10d	1/0½		,,
1¾in.				11d	1/2	1/5	,,
2in.					1/4	1/6	,,

SCREWS—continued.

1279.—Flat Head Brass Screws (Nettlefold's)—

B.W.G. No.	0	1	2	3	4	5	6	8	10	12	14
¼in.	1/-	1/-	1/-								pr. gr.
⅜in.	1/1	1/1	1/1	1/1							,,
½in.	1/1	1/1	1/1	1/1	1/1	1/2					,,
⅝in.	1/2	1/2	1/2	1/2	1/2	1/3	1/5	1/6	2/-		,,
¾in.				1/2	1/3	1/4	1/6	1/9	2/3		,,
1in.						1/8	1/10	2/3	2/10	3/4	,,
1¼in.							2/3	2/9	3/6	4/-	,,
1½in.							2/9	3/2	3/10	4/9	,,
2in.								4/3	5/2	6/-	7/- ,,
2½in.									6/10	7/-	9/- ,,
3in.									9/-	9/6	10/6 ,,

1280.—Round Head Brass Screws—

B.W.G.No.	2	3	4	6	8	10	12	14
¼in.	1/2	1/2	1/2					per gr.
⅜in.	1/2	1/2	1/2					,,
½in.	1/3	1/3	1/3					,,
⅝in.	1/4	1/4	1/4	1/8	2/-			,,
¾in.			1/8	2/-	2/5	3/-		,,
1in.				2/5	3/-	3/7	4/5	,,
1½in.					4/-	4/10	5/10	,,
2in.						6/-	7/4	8/5 ,,

Special quotations to large buyers of Screws.

NAILS.

1281.—Round Wire Nails, any length from ¾″ to 6″—

0 to 7 B.W.G.	8 B.W.G.	9 B.W.G.	10 B.W.G.	11 B.W.G.	12 B.W.G.
9/-	**9/6**	**9/9**	**10/3**	**10/9**	**11/6** cwt.
13 B.W.G.	14 B.W.G.	15 B.W.G.	16 B.W.G.	17 B.W.G.	18 B.W,G.
12/3	**13/-**	**14/-**	**15/3**	**17/3**	**19/3** cwt.

½cwt. Bags, **6d.** per cwt. extra; ¼cwt. Bags, **1/-** per cwt. extra.

1282.—Oval Wire Nails—

¾	1	1¼	1½	1¾	2	2½	3	3½ to 6
20/-	**17/9**	**16/9**	**15/-**	**14/6**	**13/9**	**12/9**	**12/-**	**11/6** cwt.

Extras for smaller lots, as above.

1283.—Cut Steel Clasp Nails—

1	1¼	1½	2	2½	3	3½	4	5	6 in.
16/6	**14/6**	**13/6**	**12/6**	**12/-**	**11/-**	**11/-**	**11/-**	**11/-**	**11/-** cwt.

Extra for ½cwt., **6d.**, ¼cwt., **1/-** per cwt.

1284.—Cut Flooring Brads	2	2¼	2½	3 in.	
	12/-	**12/-**	**11/3**	**11/-** cwt.	
			¾	⅞	1 in.
1285.—Cut Lath Nails			**15/3**	**14/3**	**13/3** cwt.
1286.—Wire Slate Nails		1½	1¾	2 in. x 10 G.	
		13/-	**12/9**	**12/9** cwt.	
1287.—Galvanized Slate Nails		1½	1¾	2 in. x 10 G.	
		19/3	**19/3**	**19/3** cwt.	

Owing to the constant fluctuations of the Markets, the prices of all kinds of Nails are subject to alteration without notice.

IRONMONGERY.—We shalll be pleased to quote keenly competitive prices for Locks, Hinges, Sash Fasteners, Sash Weights, Sash Cords, etc., to samples or specification upon receipt of enquiries.

CABINET BRASSFOUNDRY.—We have a splendid variety of High-class Cabinet Handles, etc., in the most up-to-date patterns, and shall be pleased to submit samples and quote competitive prices on application.

CUTLERY.

We have a very large stock of TABLE CUTLERY, PEN AND POCKET KNIVES, SCISSORS AND RAZORS. NOTE THE FOLLOWING SPECIAL LINES:—

No. 1288.

Sets of Cased Carvers, best Sheffield make, Velvet Lined. Fully Guaranteed.

1288.—Sets of 3 piece Stag Handles, Silver Mounted ... **10/6 to 15/-**

1289.—Do. do. Xylo do. **10/6, 17/6, 18/6, 27/6**

1290.—Do. do. Buff do. **17/6, 18/6**

Best quality Sheffield Carvers, Hand-forged—

1291.—Pair of Carvers, Stag Handles ... ... **4/6, 5/-, 6/-** per pair

1292.—Do. do. Xylo do. ... ... **3/9, 4/6, 6/9** ,,

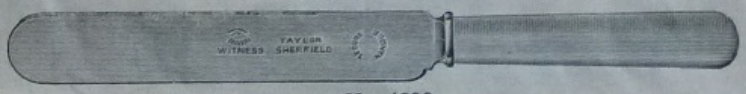
1293.—Do. do. Buff do ... ... from **5/-** ,,

1294.—The celebrated Eye Witness Carvers, with Patent Guard and Rest combined. All Hand-forged Blades, White Handles **7/6, 8/6, 10/-** pr.

CUTLERY—continued.

No. 1295

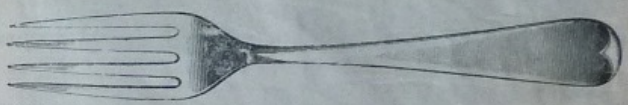
1295.—Table Steels ... ... **1/6, 2/-, 2/6, 3/3** ea.



No. 1296

Best Sheffield make Table Cutlery—					Table	Dessert
1296.—Xylo Balanced Handles, Hand-forged Blades				(731)	**9/6**	**8/6** ½-doz.
1297.—Do.	do.	Round End	(1002)	do. ...	**6/6**	**5/6** ½-doz.
1298.—Do.	do.	Square End	(1090)	do. ...	**5/6**	**4/6** ½-doz.
1299.—Do.	do.	Fast Tang	(260)	do. ...	**7/6**	**6/6** ½-doz.

No. 1300



No. 1301

Best Nickel-Silver Spoons and Forks—
1300.—Tea Spoons, **2/6**; Dessert Spoons, **3/6**; Table Spoons, **4/6** per ½-doz.
1301.—Dessert Forks, **3/6**; Table Forks, **4/6** ... ... per ½ doz.

Pen and Pocket Knives, best Sheffield makes.
Strong, Single-blade Knives ... **6d. ea.**

No. 1305

1302.—Best quality Double-blade Knives ... **1/-, 1/3, 1/6, 2/-** ea.
1303.—Do. do. Three do. ... ... **2/6, 3/-** ,,
1304.—Do. do. Four do. ... ... **3/-, 3/6, 4/6** ,,
1305.—Do. do. Sportsman's Knives ... ... **2/6** to **21/-** ,,
1306.—The "Open Easy" Knife. No more broken Nails **1/3, 1/6, 2/-, 2/6** ea.
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1307.—From **1/-** to **6/6.**

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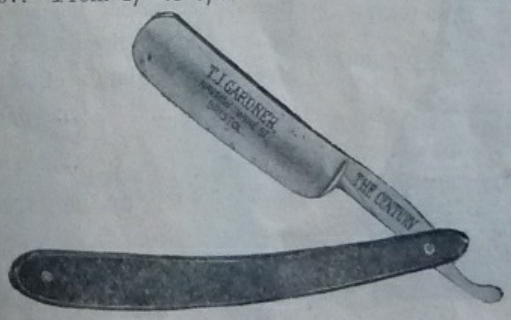

1308. — T. J. Gardner's "Century" Razor. Best Hollow Ground, Sheffield Steel. Fully Guaranteed **2/-** each

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1309.—The celebrated "Dispatch" Razor. Best Hollow Ground. Sheffield Make. Fully Guaranteed ... ... 3/6 ea.

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1310.—The Gillette Pattern Safety Razor ... ... 1/- ea.
1311. — Extra Blades, per packet of 5 ... ... 1/- ,,
1312. — Strop Holder for "Shavwell' Blades ... ... 5d. ,,

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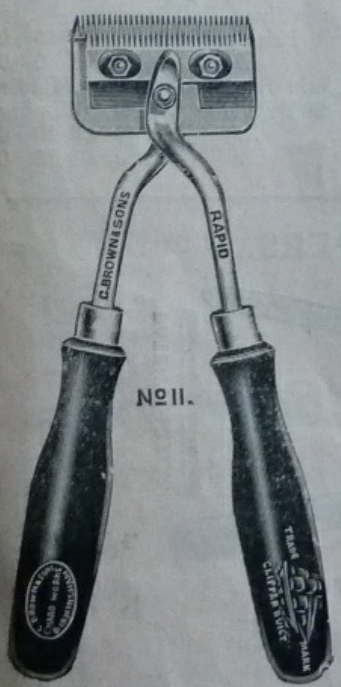

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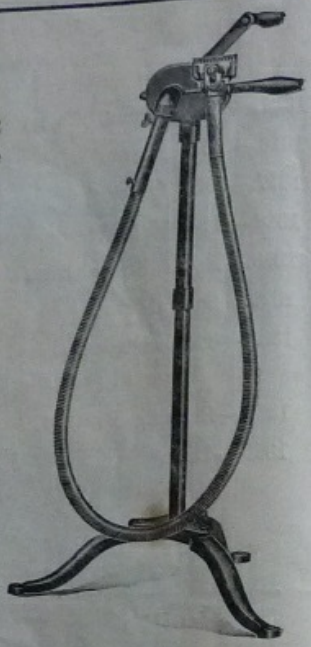

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1333.—No. 3 Power Horse Clipper is the standard of excellence. Specification: Wrist Joint, 7ft. Chain Shaft, leather covered, Revolving Middle Bracket, Increased Speed Gear, Hand Rest, Ball Bearing Clipping Head, 1 pair extra Plates, Oilcan, Spanner, Chain Grease—
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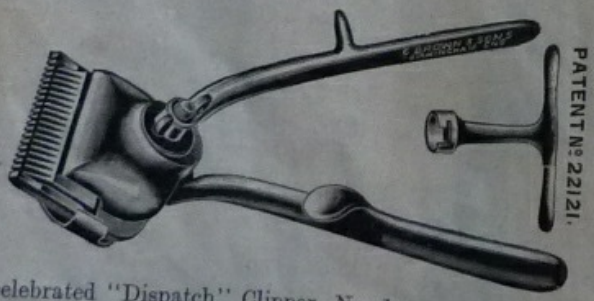

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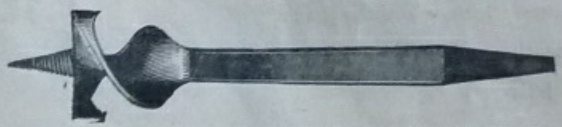

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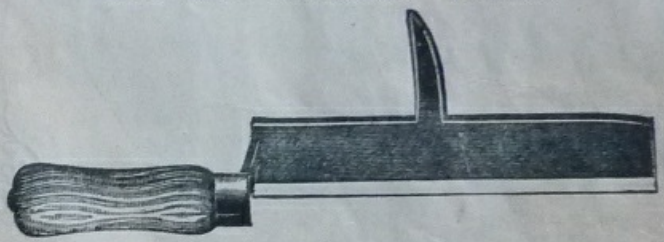

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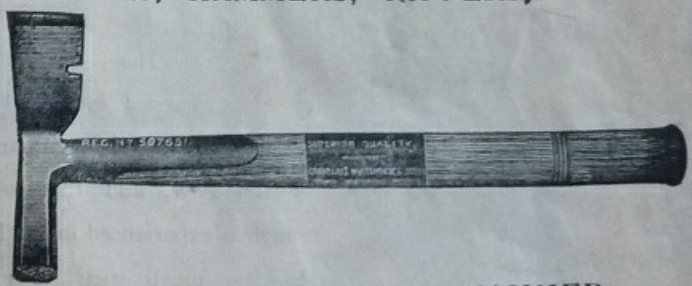

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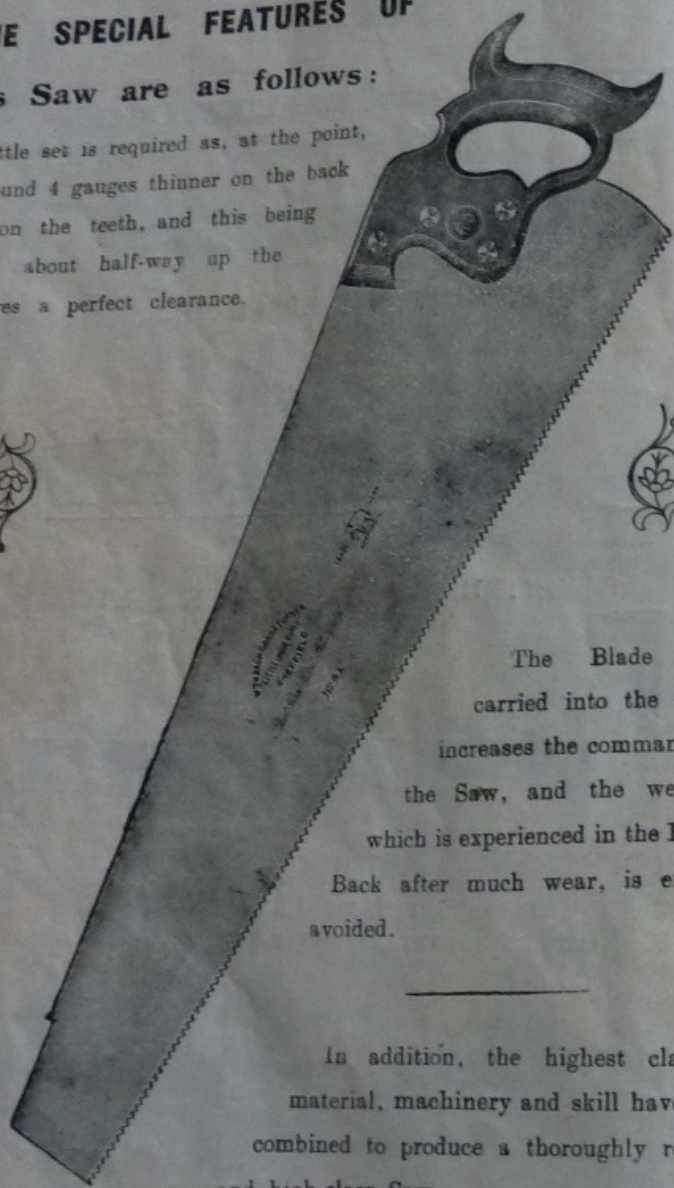

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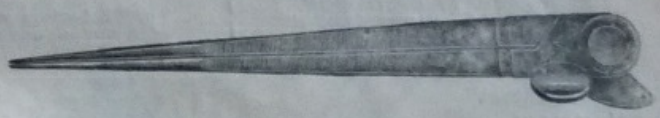

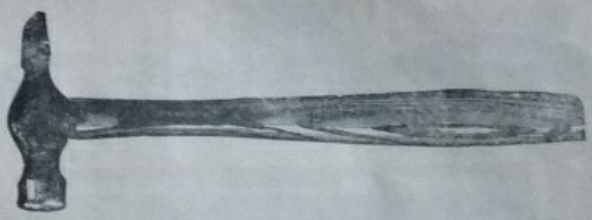

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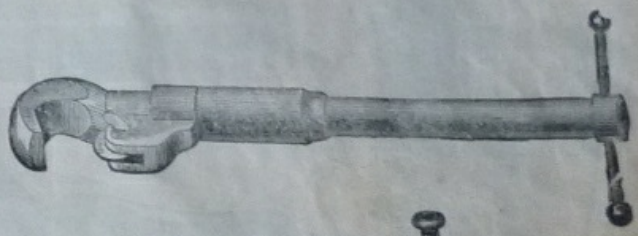

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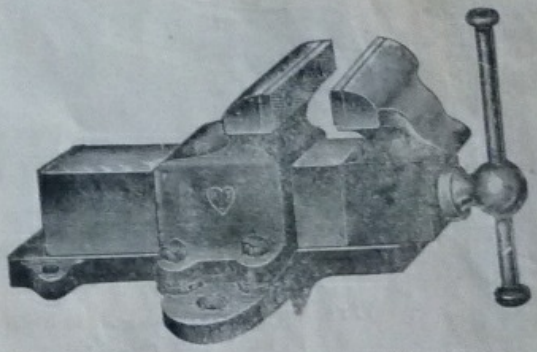

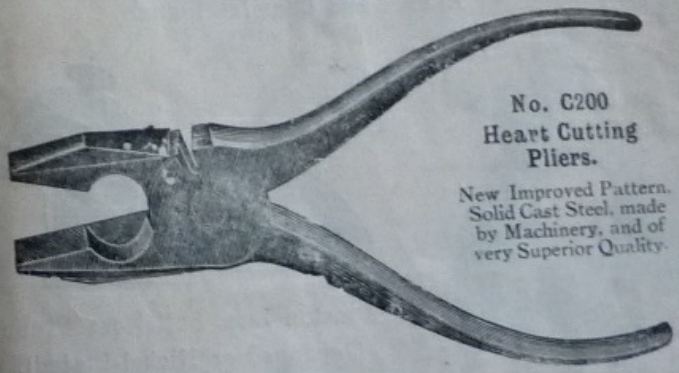

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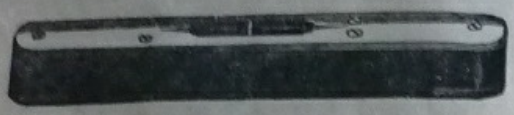

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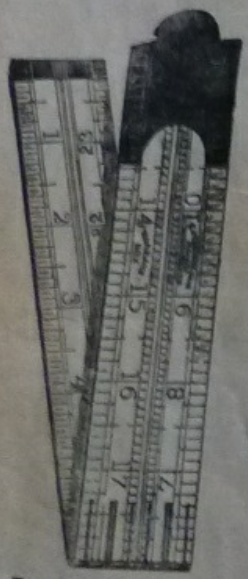

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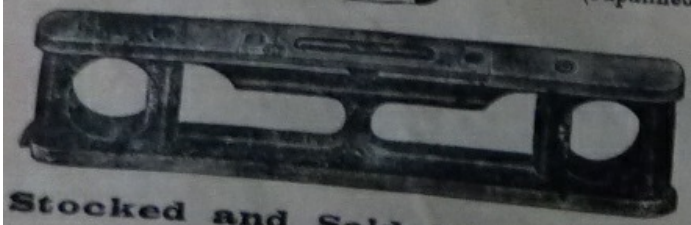

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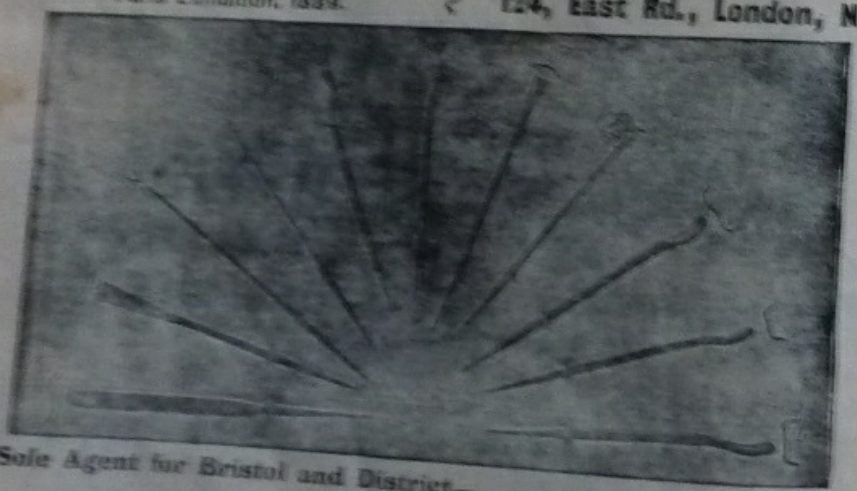

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